University of Calcutta

BENGAL SECRETARIAT LIBRARY

MINUTES

FOR THE YEAR

1893-94.

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1894.

BENGAL SECRETARIAT LIBRARY

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 1.

THE 29TH APRIL, 1893.

Present:

THE HON'BLE MR. JUSTICE PIGOT, *Vice-Chancellor, in the Chair.*

NAWAB ABDOOL LATEEF, BAHADUR, C.I.E.
REV J. P. ASHTON, M.A.
RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYRATNA, C.I.E.
A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJI, M.A., B.L.
P. K. RAY, ESQ., D.Sc.
W. GRIFFITHS, ESQ., M.A.
F. J. ROWE, ESQ., M.A.
THE HON'BLE DR. RASHBEHARY GHOSE.
BABU SURYYAKUMAR SARBADHIKARI.
A. M. NASH, ESQ., M.A.
MAULAVI MUHAMMUD YOUSUFF, KHAN BAHADUR, B.L.
RAI RADHIKAPRASAD MUKERJEE, BAHADUR. C.E., A.M.I.C.E.
RAI LALMADHAB MUKERJEE, BAHADUR, L.M.S.
G. A. GRIERSON, ESQ., B.A., C.S.
BABU GAURISANKAR DE, M.A., B.L.
RAJA PIYARIMOHAN MUKERJEE, M.A., B.L., C.S.I.
RAI RAJKUMAR SARBADHIKARI, BAHADUR, B.L.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
RAI MADHABCHANDRA RAY, BAHADUR, B.A., B.C.E.
H. M. PERCIVAL, ESQ., M.A.
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
RAI BANKIMCHANDRA CHATTERJEE, BAHADUR, B.L.
REV. J. HECTOR, M.A.
BABU NILMANI MUKERJEE, M.A., B.L.
BABU SARADACHARAN MITRA, M.A., B.L.
J. MANN, ESQ., M.A.
A. F. M. ABDUR RAHAMAN, ESQ.
J. H. GILLILAND, ESQ., B.A.
BABU DURGAMOHAN DAS.
BABU HARAPRASAD SASTRI, M.A.
BABU UMESCHANDRA DATTA, B.A.
C. LITTLE, ESQ., M.A.
J. C. BOSE, ESQ., B.Sc.
BABU ASUTOSH MUKHOPADHYAY, F.R.A S., F.K.S.E.
THE HON'BLE GONESHCHUNDER CHUNDER.
BABU SYAMACHARAN GANGULI, B.A.
BABU BIPINBIHARI GUPTA, M.A.
REV. J. MORRISON, M.A., B.D.
BABU JOGINDRACHANDRA GHOSE, M.A., B.L.
BABU MAHENDRANATH RAY, M.A. B.L.
REV. A. P. BEGG, B.A.
BABU KAILASCHANDRA BASU, L.M.S
BABU UPENDRANATH MITRA, M.A., B.L.
BABU NILRATAN SARKAR, M.A., M.D.
BABU RAMCHARAN MITRA, M.A., B.L.
BABU NARENDRALAL DE, M.A., B.L.

1. Babu Asutosh Mookerjee moved that Richard Gunesekera be allowed to appear at the F. A. examina-

tion without passing the Entrance examination, on the ground of his having passed the Senior Local examination of the Cambridge University.

Babu Umeschandra Datta seconded the motion, which was put to the meeting and carried unanimously.

2. Babu Asutosh Mookerjee moved the adoption of the following recommendation of the Syndicate :—

(a.) That in page 65 of the University Calendar for 1892 for—

"II. NATURAL SCIENCE.

CHEMISTRY.

Inorganic Chemistry. The metals and non-metals.

PHYSICS.

Light, Heat, Electricity, Magnetism, and the Elements of Telegraphy."

the following be substituted :—

"II. NATURAL SCIENCE.

CHEMISTRY.

1. *Pure Chemistry.*—Preparation and properties of oxygen and hydrogen. Detonating mixture; synthesis and analysis of water; its physical and chemical properties. Direct oxidation of non-metals and metals. Fundamental laws of chemistry. The atomic theory. Chemical nomenclature and notation. Avogadro's law. Ozone. Hydrogendioxide. Preparation and properties of the halogens. Their compounds with hydrogen. Oxides and oxy-acids of chlorine. Sulphur; sulphuretted hydrogen; oxides and chlorides; sulphuric acid. Nitrogen; ammonia; nitric acid; oxides. Phosphorus; modifications; oxides and oxy-acids; chlorides. Arsenic and antimony; oxides, chlorides, sulphides. Hydrogen compounds of phosphorus, arsenic, antimony. Boron; boracic acid. Silicon; silicon dioxide, silicic acid; chloride and fluoride; hydrofluosilicic acid. Carbon; its oxides; carbon disulphide; methane, ethylene; cyanogen, hydrocyanic acid. Composition of air; determination of moisture and carbon dioxide in air; combustion, nature of flame. Physical and chemical properties of metals. Action of air and acids on metals. Constitution and properties of acids, bases, and salts. Alloys and amalgams. General methods of preparing oxides, sulphides, hydroxides, haloid salts,

nitrates, sulphates, carbonates, phosphates. General properties of salts; solubility; nature of solutions; mutual action of salts in solution; natural waters. The most important sources of the metals used in the arts; the chemistry of their methods of extraction. Determination of molecular formulas and atomic weights; vapour density; isomorphism; specific heat, atomic and molecular heat; depression of freezing point and of vapour pressure. Classification of elements according to atomicity. Theory of compound radicals. The periodic law.

II. *Chemical Energetics.*—A. *Thermo-chemistry.*—Object. Methods of investigation. Calorimeters for solutions and combustion. Thermo-chemical notation (Ostwald's). Thermal units. The fundamental laws of thermodynamics. Cycles. Relation between chemical reactions and entropy. Allotropy. Hess' principle. Heat of combustion and formation; calculation of heat of formation. Neutralisation; behaviour of the more important mono-, di-, and tribasic acids. Dissociation; typical examples; connection with temperature and pressure. Thermal changes attending solution and hydration. Exothermal and endothermal reactions. Application of the principles of thermochemistry to the solution of technical problems.

B. *Photo-chemistry.*—Actinometers; Bunsen and Roscoe's experiments. The laws of photo-chemical induction. Contact effects. Assimilation of carbon by plants; storage of solar energy. Action of light on salts of silver, iron, chromium, uranium.

C. *Electro-chemistry.*—Faraday's laws. Electro-chemical equivalents. Calculation of E. M. F. of galvanic elements. Differences of potential due to contact of metals and electrolytes. Electrolytic conduction; polarization.

III. *Chemical Technology.*—Chlorine. Bromine. Iodine. Hydrochloric, sulphuric, nitric acids. Softening of water on a large scale. Phosphorus. Coal gas. Caustic potash and soda. Nitre. Gunpowder. Pearl-ash. Potassium bichromate. Common salt. Borax. Sodium carbonate. Chili saltpetre. Sal ammoniac. Magnesium. Quicklime Mortar. Portland cement. Bleaching powder. Plaster of Paris. Glass, stoneware, pottery and porcelain. Alums. Blanc-fixe; zinc white; white and red lead.

Verdigris; silicate paint; chromes; oxide of iron paints. Silver-nitrate. Manufacture of tin plate; galvanized iron.

IV. *Practical Exercises.*—Qualitative analysis of solutions containing K, Na, NH_4, Mg, Ca, Sr, Ba, Zn, Ni, Co, Fe, Al, Cr, Cd, Cu, Hg, Pb, Bi, Sn, Sb, As, Au, Ag. Analysis of chlorides, sulphates, nitrates, nitrites, carbonates, phosphates and silicates. Quantitative analysis of brass, bronze, and bar-silver. Acidimetry and alkalimetry. Determination of iron in iron ores and in samples of iron by volumetric analysis. Assaying of iron ores in the dry way. Determination of sulphur and phosphorus in iron ores and pig-iron. Determination of carbon in commercial iron. Determination of gold by Skey's process. Action of water on lead. Testing of drinking water for ammonia, nitrates, nitrites, sodium chloride, lead, and copper; colorimetric tests; determination of hardness by Clark's soap test. Analysis of limestones.

PHYSICS.

I. HEAT.

Expansion; Ramsden, weight-thermometer; Pierre Regnault's experiments on the absolute expansion of mercury and the expansion of gases. Charles' law. Principles of thermometry. Temperature as measured by the expansion of solids, liquids, and gases. Mercurial thermometer; air-thermometer. Thermometers for various purposes. Density of solids, liquids, and gases. Absolute temperature. Calorimetry. Specific heats of solids and liquids; method of mixture, Regnault; Bunsen's ice-calorimeter. Specific heat of gases—at constant pressure, Regnault; at constant volume, Rontgen. Dulong and Petit's law; Naumann's law modified by Regnault. Changes of state of aggregation. Regelation. Critical temperature; Andrews' experiments. Measurement of heat of fusion and vaporisation. Influence of pressure on melting and boiling-point. Methods of liquefying gases. Maximum pressure of vapours; Dalton, Regnault; pressure of saturated steam below and above 100° C. Vapour densities; Hofmann's, V. Meyer's methods. Hygrometry; Regnault's hygrometer; Psychrometer. Conduction; variable and permanent stages. Simple cases of steady flow across a plate and along a bar; Wiedemann and Franz' experiments. Convection. Joule's determination of the mechanical equivalent of heat.

II. Statical Electricity.

Electrification by friction. Modern electroscopes. Ice-pail experiment. Induction. Ramsden's machine. Electrophorus. Voss' and Whimhurst's influence machines. Electric work and energy. Indicator diagram of electric work. Exploration of electric field. Potential at any point of the field. Lines and tubes of force. Equipotential surfaces; lines of induction. Method of drawing lines of force and equipotential surface. Measurement of electricity; torsion balance, attracted disc electrometer, quadrant electrometer. Dimensions. Electrostatic units. Capacity. Condensers; electrification of two concentric spheres; Leyden jar, Lodge's hydraulic model. Specific inductive capacity. Absolute measurement of capacity; statical comparison of capacities; measurement of specific inductive capacity; standard air condenser.

III. Current Electricity.

Chemical and thermal methods of producing currents; Daniell, Grove, Bunsen, Leclanché, Meidinger, Smee; thermopile, thermo-electric battery. Pyro-electricity. Classification of bodies as regards transference of electricity. Electrolytic conduction. Electrolysis of fused compounds and saline solutions. Faraday's laws. The voltameter. Metallic conduction. Ohm's law. Kirchhoff's laws. Units of resistance. Poggendorff's rheochord. Resistance coils. Wheatstone's bridge. Resistance of battery. Resistance of galvanometer. Electromotive force. Standard cells—Raoult, Lodge, Latimer Clark. Determination of electromotive force; statical method; Fechner's and Ohm's methods. Poggendorff's compensation method. Relation of electricity to heat; Joule's law; Lenz' experiments. Gaseous conduction. Disruptive discharge. Currents regarded as moving charges; Rowland's experiments. Flow of electricity and flow of electric energy; outlines of Poynting's theory. Phenomena attendant on the starting, stopping and varying of a current. Oscillating discharges.

IV. Magnetism.

Fundamental experiments. Magnetic field. The earth a magnet; magnetic elements; declination theodolite; dip-circle; bifilar magnetometer. Methods of magnetization. Relation of magnetism to electricity. Oer-

sted's experiment. Tangent and sinegalvanometers; Thompson's reflecting galvanometer; Wiedemann's two-coil galvanometer. Electro-dynamic experiments; the solenoid. Solenoidal magnets and magnetic shells. Electro-magnets; types. Permeability and methods of measuring it; its relation to temperature and mechanical stress: critical temperature, its relation to other physical properties. Magnetic hysteresis. Magnetic flux, magneto-motive force, reluctance. The law of traction. Induction of currents; Lenz' law. Direction of induced currents specified by reference to lines of magnetic force. Movement of lines of force with change of magnetization. Self-induction. Ruhmkorff's coil. Electro-magnetic units. Theories of magnetism.

V. Radiant Energy.

Laws of a vibrating particle. Harmonic vibrations. Transverse and longitudinal waves. Interference of waves travelling in the same and in opposite directions. Stationary waves. Composition of undulations; elliptical, circular, and rectilinear vibrations. Huyghen's principle. Reflection and refraction of thermal, luminous and electric waves. Velocity of propagation; Foucault's and Fizeau's experiments. Plane, spherical, and parabolic mirrors. Single and double refraction. Prisms and lenses. Minimum deviation. Determination of refractive indices of solids and liquids. Melloni's experiments on radiant heat. Hertz' experiments on electric radiations. Outlines of Maxwell's theory of light. Dispersion. Spectroscope and spectra. Conditions of achromatism. Absorption of aetherial waves: diathermancy and athermancy; coloured bodies.

VI. Applied Physics.

I. *Heat.*—Pyrometers: Wilson, Siemens, Le Chatelier. The double-acting steam engine, Ice-making machines, Otto's gas engine, Petroleum engines.

II. *Light.*—The sextant. Photometry; Ayrton's dispersion Photometer. Telescopes. Microscopes. The camera obscura; principles of photography.

III. *Electricity and Magnetism.*—Electro-metallurgy. Telegraphy and Telephony. Batteries in common use. Signals. Single needle instrument; sounder; Siemens' ink-writer; Siemens' A. B. C. Relative merits. Siemens'

relay. Line current, local current, double current working; translation. Duplex telegraphy; differential and bridge principle. Overground lines; supports, their preservation; insulators. Faults in instruments; on line; total, partial, intermittent. Testing; Wheatstone's bridge; localising faults, loop test. Lightning conductor, Terminal, single and multiple points; earth connection, its importance; the conductor's proper material, form; joints; clips and brackets; ridge circuits; incidental connections, gas and waterpipes; space protected; protection of dwelling houses, magazines, chimneys; periodical inspection and testing; older and modern theories. The telephone and microphone. Electric bells and indicators. Dynamo-electric machinery. The ideal simple dynamo and motor; connection between counter-electromotive force and maximum work. Efficiency. Causes of loss of energy. Types of armatures; armature coils and cores. Field magnets. Pole pieces. Field magnet coils. Commutators, collectors; brushes, brush-holders. Curves of potentials and induction. Reaction of armature and field. Lead of brushes; angle of lead. Methods of exiting field magnets. Classification of dynamos. Examples of Dynamos, continuous and alternate, according to modern practice. Characteristics.

Transmission of electric energy. Accumulators. Transformers. Air-lines; insulators, testing; modes of attaching the wire; materials for wires; joints; lightning protectors. Underground conduits; the three-wire system, lead covered cables. Comparison with other methods of transmitting energy.

Motors; Reckenzaum, Immisch. Appliances: electric pumping plant, electric tramways, telpher lines; electric mining machinery. Electric lighting. The Brush lamp. Incandescent lamps. Electric welding. Electric measurements and measuring apparatus. The volt and ampére. Ayrton's sulphuric acid voltameter. Calibration of galvanometers. Methods of shielding galvanometers. Proportional galvanometers. Ampére-meters and volt-meters. Ampére-balances. The ballistic galvanometers. Permanent magnet meters. Ayrton's spring meters; Siemens' electro-dynamometer; Ayrton's magnifying spring ammeter. Gravity control meters. Electro-magnetic control meters. Relative merits; testing for accuracy; calibration by the calorimeter and the voltameter methods. Cardew's voltmeter. The Ohm; resistance coils; the

shunt-box. Commercial Ohmmeters. The Farad and microfarad. The Watt.

(*b.*) That in page 67 of the University Calendar for 1892, for—

"II.—NATURAL SCIENCE.

Geology.—Excluding Palæontology and the stratigraphical classification based thereon, with special reference to the practice of mining.

Mineralogy.—The form of minerals. The physical, optical, and chemical character of minerals. The distribution of minerals. Paragenesis.

Metallurgy.—The metallurgy of iron, steel, tin, copper, zinc, lead, mercury, silver and gold."

the following be substituted :—

"II.—NATURAL SCIENCE.

GEOLOGY.

Object of geology. Its relation to other sciences. The doctrine of uniformity ; its limits.

I. *Astronomical Geology.*—Information obtained from meteorites and by the spectroscope. The nebular theory. Origin of internal heat. Climate in its geological relations ; glacial and mild periods ; Croll's theory as modified by Wallace.

II. *Geognosy.*—The globe and its envelopes. Shape and nature of globe ; density ; probable internal condition ; evidences of pressure and internal heat. The age of the earth's crust ; Tait's and Wallace's views. Persistence of continental ridges and abysmal depressions.

III. *Petrography.*—Microscopic characters of rocks. Microscopic elements ; their importance in the study of the history of rocks. Microscopic characters of quartz, orthoclase, plagioclase, augite, hornblende, calcite. Essential and accessory constituents. Classification of rocks. Microscopic characters and essential constituents of the following rocks : limestone, dolomite, quartzite, jasper, hornstone, amphibolite ; gneiss, micaceous and chloritic schists, phyllite ; gran-te, quartz-porphyry ; syenite trachyte phonolite, obsidian, pumice, diorite ; diabase dolerite, plagioclase-basalt ; sand and gravel, sandstones conglomerates, breccias, shale, clay ; laterites ; tuffs ; shell-marl, coral-limestone, chalk, crinoidal limestone ;

tripolite, flint; guano; peat, lignite, coal, anthracite; graphite, oil-shale, petroleum, asphalt; bog-iron ore, clay-ironstone.

IV. *Dynamical Geology.*—Volcanic phenomena; description of volcanoes: kind, shape, distribution; theories of vulcanicity. Hot springs. Earthquakes. Upheaval and depression. Geological functions of air. Geological functions of water and ice; denudation and deposition; river valleys, peculiarities of Indian rivers; glacial erosion; formation of lakes. Geological functions of plants and animals; coral Islands, Darwin's and Murray's theories.

V. *Petrogenetic Geology.*—Origin of granite, syenite, diabase, diorite, basalt. Origin of sedimentary rocks; minerogen, phytogen, and zoogen sedimentary rocks; theories on the origin of coal-beds and of petroleum; origin of laterite. Origin of metamorphic rocks; theories of metamorphism; local and regional metamorphism; origin of rockcleavage. Ore deposits; origin and classification.

VI. *Architectonic Geology.*—Forms of bedding. Surface markings. Concretions. Relative persistence of strata. Overlap. Uncomformability. Groups of strata. Jointing. Faults, Origin and kinds. Strike and dip; outcrop. Monocline. syncline, anticline. Intrusive phase of eruptivity; bosses, sheets, veins and dykes, necks. Interbedded phase of eruptivity; lavas, tuffs.

VII. *Palæontological Geology.*—Object. Condition for the entombment of organic remains. Preservation of organic remains in mineral masses, fossilization. Uses of fossils in geology.

VIII. *General Historical Geology.*—Leading principles in stratigraphy. Equivalent strata; absent strata and formations. Outline sketch of the geological record of Europe.

IX. *Indian Geology.*—Peninsular area. The metamorphic series. The transition series. Lower and Upper Vindhyans; Vindhyan basin. The Gondwána system; geological positions and characters; probable fluviatile origin. Relation of Gondwána basins to existing valleys; lower and upper groups: Talchir—Karharbari, Barakar ironstone shales, Raniganj; Rajmahal. The most important coalfields. The Deccan trap series: area and petrology. Laterite distribution, age. Post-tertiary and recent formations:

older river gravels and clays ; kankar. The Indogangetic plane ; upland and alluvial soils, red soil, regur, peat. General outlines of the geology of the Himalayan area.

X. *Physiographical Geology.*—Terrestrial features due to disturbance of crust ; monoclinal, symmetrical, unsymmetrical, reversed flexures ; alpine type of mountain structure. Features due to volcanic action ; the Deccan trap area. Features due to erosion ; Indian examples.

XI. *Field Geology.*—Geological surveying instruments ; tracing of boundaries and faults. Sections ; how to find direction and amount of dip ; Dalton's construction, clinometers. Levelling ; surface profile, datum level bench marks ; methods of geological levelling ; Abney's level. Lithology ; practical exercises in the identification of Indian rocks.

MINERALOGY.

Province of mineralogy. Its relation to other sciences

1. *Physical Mineralogy—*

(*a.*) Properties of minerals independent of direction. Density and specific gravity. Methods of determining specific gravities—hydrostatic balance ; pycnometer ; Jolly's balance ; floatation methods.

(*b.*) Properties of minerals dependent on direction. *Elasticity.*—Relation of co-efficient of elasticity to direction. Surfaces of elasticity. Method of determining coefficients of elasticity in minerals ; Koch's apparatus ; classification of minerals with reference to elasticity, Physical definitions of ' crystal.'

Cohesion.—Cleavage. Fracture. Hardness: Mohs scale ; sclerometric methods ; Hertz' definition ; Auerbach's experiments. Corrosion figures.

Optical properties of minerals.—Kind and degree of lustre. Double refraction and polarization ; Nicol's prism, tourmaline forceps. Classification of crystals according to their optical properties. Examination of crystals in parallel and convergent polarized light ; polarization microscope. Circular Polarization. Absorption of light ; pleochroism.

Thermal properties.—Good and bad conductors ; conductivity of single and double refracting crystals. Expansion.

Electric properties.—Good and bad conductors; pyro —, actino—, and piezo-electricity. Hankel's researches.

Magnetic properties.—Para—and dia-magnetic minerals.

II. *Crystallographic Mineralogy—*

Relation of physical properties to geometrical form; arrangement of molecules. Crystalline form; faces. Planes of reference; axes; parameters; indices; symbols. Law of rationality of indices. Principles of Miller's and Naumann's notation. Fundamental form; its selection. Symmetry; planes and axes of symmetry; principal and common planes. Classification of crystals. The six crystallographic systems characterised with reference to planes of symmetry. Simple forms and combinations. The holohedral forms of the regular system considered as modifications of the hexakisoctahedron. Combinations of the hexahedron, octahedron, and rhombic dodecahedron. The holohedral forms of the remaining five systems. Close and open forms; prismatic, tabular, and pyramidal habit. Nature of hemihedrism. Hemihedrism in the regular, hexagonal and tetragonal systems. Nature of tetartohedrism; trapezohedral tetartohedrism in the hexagonal system, quartz. Distinction between apparently holohedral forms and real ones. Hemimorphism. Crystallographic mimicry—leucite, sal ammoniac. Groth's method of deducing hemihedral and hemimorphous forms from holohedral forms. Isomorphism and heteromorphism; isomorphous groups of elements, the iso-heteromorphous series of the calcite-aragonite group, of the hornblende-augite group, and of the felspars. Morphotropism and isogonism. Twinning; twinning plane, twinning axes, composition plane; twins, with parallel and non-parallel axes; contract and penetration twins; distinctive features of twins; polysynthetic crystals; twin striation and combination striation. Crystalline aggregates; druses. Pseudomorphism; pseudomorphs by incrustation, substitution, and alteration; paramorphs.

III. *Chemical Mineralogy—*

Calculation of formula. Groth's classification of minerals. Group tests.

IV. *Descriptive Mineralogy—*

A somewhat detailed description of the following minerals:—

Elements :—diamond, graphite, sulphur, bismuth, copper, silver, gold, platinum.

Sulphides :—pyrite, marcasite, arsenopyrite, leucopyrite, pyrrhotite ; galenite, chalcocite, chalcopyrite, bornite, argentite, sphalerite, cinnabarite, antimonite.

Sulphosalts :—tetrahedrite.

Oxides :—cuprite ; corundum, hematite, menaccanite ; spinel, magnetite, chromite ; quartz, opal, cassiterite, pyrolusite ; gœthite, limonite.

Oxy-salts :—(*a*) *carbonates*—calcite, magnesite, siderite, dolomite ; aragonite, witherite, strontianite, cerussite ; azurite, malachite.

(*b*) *Sulphates.*—anhydrite, barite ; gypsum.

(*c*) *Phosphates.*—apatite.

(*d*) *Silicates.*—tourmaline ; epidote, olivine ; garnet, leucite; nephelite; muscovite, biotite, lithiummica; chlorite, rhipidolite ; talc, serpentine ; apophyllite, stilbite, heulandite, scolecite ; augite, hornblende ; orthoclase, microcline, albite, indianite, oligolase, labradorite ; kaolinite.

Haloid salts :—halite ; fluorite ; cryolite.

V. *Determinative Mineralogy* —

Determination of specific gravities. Use of the scale of hardness. Exercises at the polarization microscope. Measurement of angles by the aid of contact and reflecting goniometers. Separation of rock-forming minerals by floatation and by the electro-magnet Blow-pipe analysis. Identification of Indian minerals by the aid of Brush's or any other manual of determinative mineralogy.

METALLURGY.

Physical properties of metals.—Testing machines ; influence of impurities on the properties of iron and copper.

Alloys, Effect of temperature changes on metals and alloys, with special reference to steel ; annealing, hardening, tempering.

Fuel.—Classification ; manufacture of coke ; Wilson's gas producer ; water gas ; absolute, specific, and pyrometric heating power; assay of coal ; calorimeter.

Materials.—Ores ; fluxes ; slags ; oxidising and reducing agents ; calculation of furnace charges.

Furnaces.—Hearths ; for roasting, refining, and liquation ; shaft furnaces ; iron blast-furnace, Rachette, Pilz, Cupola ; reverberatory furnaces ; puddling-furnace, furnaces used in the smelting for copper and tin ; cupella tion ; closed vessel furnaces ; Deville's blast furnace ; furnaces used in the reduction of blende and cinnabar, and in the manufacture of cement steel, the converter. Means of supplying air: chimneys, blowing engines, Cowper's and whitwell's stoves.

Metallurgical processes.—Classification ; outlines of typical processes : blast-furnace-process : puddling Dank's furnace ; Siemens' open hearth ; Siemens-Martin ; Bessemer, bassic process ; Darby's recarburisation process ; tungsten steel, mitis metal. The Idria process. Tin smelting. Extraction of zinc by the Belgian and Silesian methods. Heroult's aluminium process. Welsh process of extracting copper from copper pyrite. Lead smelting. Flintshire. Extraction of silver from lead, Parkes, Patinson, Cupellation. Concentration of gold in batteries, modern pan amalgamation. Wet processes as practised in America. Plattner's chlorine process. Methods of producing sound castings.

General considerations. Capital and labour ; causes of failure.

The mover said that in the absence of the President of the Faculty of Engineering, it fell upon him to ask the Senate to sanction these changes in the Regulations for the Engineering examinations. Though very long, this was really a formal motion. If they turned to page 51 of the Calendar for 1892, they would find that there was no definition of what was meant by Natural Science. The consequence was that candidates in past years had been put to great inconvenience, each individual examiner having taken his own view of the limits of the subject. It was therefore recommended that the subjects should be defined by the Faculty, and he thought the Senate should have no difficulty in accepting the definitions proposed.

Rai Madhabchandra Ray, Bahadur, seconded the motion, which was put to the vote and carried.

3. Babu Kalicharan Banerjee moved that Mr. W. Griffiths be appointed Registrar of the University for two years from 1st May, 1893.

The Hon'ble Gonesh Chunder Chunder seconded the motion, which was then put to the meeting and carried by acclamation.

4. Babu Asutosh Mookerjee moved the adoption of the Annual Report of the Syndicate for the year 1892-93.

The motion was seconded by Maulavi Muhammad Yousoof, Khan Bahadur, and carried.

5. Rai Lalmadhab Mookerjee, Bahadur, moved that the Faculties for the year 1893-94 be constituted as follows:—

ARTS.

President.

C. A. MARTIN, ESQ., LL.D.

Members.

His Honour the Lieutenant-Governor of Bengal.
His Honour the Lieutenant-Governor, North-Western Provinces and Oudh.
His Honour the Lieutenant-Governor of the Punjab.
The Right Rev. the Lord Bishop of Calcutta.
The Hon'ble Sir Philip Hutchins, K.C.S.I.
The Hon'ble Sir David Barbour, K.C.S.I.
Nawab Abdool Luteef, Bahadur, C.I.E.
Babu Bhudeb Mookerjee, C.I.E.
Rev. J. P. Ashton, M.A.
J. Sime, Esq., B.A.
Raja Sivaprasad, C.S.I.
Babu Mahendralal Sircar, M.D., C.I.E.
Rai Kanailal De, Bahadur, F C.S., C.I.E.
Sir Alfred Croft, M.A., K.C.I.E.
Col. H. S. Jarrett.
G. King, Esq.,M.B., LL.D., F.L.S., F.R.S., C.I.E.
Maharaja Durgacharan Law, C.I.E.
Babu Gaurdas Basak.
Babu Krishnakamal Bhattacharyya, B.L.
Babu Omeshchunder Dutt.
The Hon'ble Mr. Justice J. O'Kinealy, M.A, LL.D., C.S
M. S. Howell, Esq., C.S., LL.D., C.I.E.
Maharaja Sir Jotindramohan Tagore, Bahadur, K.C.S.I.
Raja Jaykissen Das, Bahadur, C.S.I.
J. C. Nesfield, Esq., M.A.
Sir Syed Ahmed, LL.D., K.C.S.I.
The Hon'ble Baba Khem Singh Bedi, C.I.E.
Sir Alexander Mackenzie, B.A., K.C.S.I.
D. D. Cunningham, Esq., M.B., F.R.S.
The Hon'ble Mr. Justice Ameer Ali, M.A., B.L., C.I.E.
Nawab Ashgar Ali, Khan Bahadur, Dıler Jung, C.S.I.
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The motion which was seconded by Nawab Abdool Luteef, Khan Bahadur, was carried.

6. The Senate then proceeded to consider the following letter:—

No. 45.

"FROM

C. J. LYALL, ESQ., C I.E.,

Secretary to the Government of India,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Calcutta, the 30th January, 1893.

HOME DEPARTMENT.
EDUCATION.

SIR,

I AM directed to acknowledge the receipt of your letter No. 902, dated the 2nd December last, on the subject of the proposed amendment of the Act of Incorporation of the Calcutta University.

2. I am to explain that the Government of India have delayed replying to Mr Nash's letter No. 1118, dated the 21st March, 1891, on this subject, as certain proposals for altering the law applicable to another University in India have been under their consideration, and also because none of the amendments proposed by the Committee whose report was forwarded with Mr. Nash's letter, seemed to be of an urgent nature.

3. The most important of the Committee's recommendations relates to the nomination of Fellows. An Experimental system of election is now being tried in the Calcutta University, has just been

introduced for the first time at Bombay, and is likely to be tried also at Madras. The Government of India are of opinion that actual experience of its results should be awaited before any rules relating to the conditions and conduct of elections are established by law. Various suggestions for extending the system have recently been made for the consideration of His Excellency the Chancellor, and it seems desirable to maintain its experimental character for some time longer, and meanwhile to take advantage of any further proposals which may be put forward for improving it gradually and tentatively until the matter is ripe for legislation.

4. The Government of India understand that the reference made at the end of your letter to the limitation in the preamble of the Act is not suggested by any immediate need. They believe that the University is not at present in a position to undertake duties other than those of an examining body.

5. In these circumstances, and as none of the other amendments proposed appear to be of a pressing nature, the Governor-General in Council considers that it would not be advisable to attempt at present any alteration of the Act of Incorporation. I am, however, to add that the recommendations of the Senate and the Committee have received the attention of His Excellency in Council, and have been noted for further consideration.

I have the honour to be,

SIR,

Your most obedient servant,

(Sd.) C. J. LYALL,

Secretary to the Government of India."

Mr. A. M. Bose said that he begged to move the following resolution with reference to the above letter:—

"That having regard, among other things, to the number and importance of the proposals which the Senate has been and still is debarred from considering on their merits, owing to the limitation prescribed on the functions of the University by the Act of Incorporation passed so far back as 1857, the Senate would respectfully request the Government of India to take into their early consideration the proposals submitted to them for amending the Act. The Senate would also beg to point out that the difficulty as to the adoption by law of any definite method of election may be obviated by laying down, as recommended by the Senate, or as otherwise may seem fit to the Government, that such method shall be determined from time to time by Bye-Laws to be made on that behalf, which will enable the results of experience to be fully utilized without any alteration in the law itself."

He ventured to trust that this resolution would be very readily accepted, because though the matter was one of great importance, no subject had been more fully discussed or more completely threshed out than this particular matter of the amendment of the Act of Incorporation. It was in April 1890, to give a very short history of the matter, that the

Senate after considering in all its bearings the question of amending the Act, accepted the principle of such amendment by a majority in the proportion of 6 to 1, and appointed a Committee to examine the details of the subject. The report of that Committee was submitted in August of the same year, and was considered at a meeting of the Senate on the 20th December, 1890, and the proposals made by the Committee, with certain modifications, were adopted by the Senate and subsequently referred for the consideration of the Government of India. Under these circumstances, all that they asked for was that those proposals which had been carefully considered by the Senate, might be taken into the early consideration of the Government. They knew the danger there often was of matters being shelved; and he believed, so far as the University was concerned, after the full consideration they had given to the matter, they would be stultifying themselves if they did not, humbly, ask the Government of India on an early date to see what could be done in this connexion. As regarded the language of the resolution, he might just state that upon the occasion referred to, in April 1890, various instances were given by him of the practical inconveniences arising in the working of the University, owing to the provision in the Act which confined them to the functions of a mere examining body. It would be an absolute waste of time to go over those grounds again, but he would mention a few instances which were gleaned from the history of the University and its working since the date of his motion in 1890. There was a proposal brought up by a member of the Syndicate for an addition to the University Library of certain valuable mathematical books; but the Syndicate were unable to accept it on the ground that the functions of the University mere limited and the purposes to which their funds could properly be applied, were those which were connected directly or indirectly with the holding of examinations. What happened then was that at the request of the Syndicate Babu Asutosh Mookerjee withdrew the proposal from consideration. Another matter was this. At the present time there was in the Reserve Fund a sum of Rs. 1,25,000, yielding an income of Rs. 5,000 a year. He was echoing the feeling of a good many members of the Senate, when he said that many would be prepared to bring forward proposals for the consideration of the Senate for the establishment of Fellowships or Scholarships for the promotion of that higher learning

which ought to be the great object of an University. This was a matter for the University to take up, because it might be safely predicted that the Government in its present state of financial embarrassment, would not be in a position to further it. This aspect of the question had been gone into on the occasion to which he had referred. If the University was to further the cause of high education in the country, it could only do so by the endowment of Prizes or Fellowships, or by endowing Chairs for promoting original research and promoting study worthy of the name of study. But what was the good of bringing forward any proposal to this effect? The moment a scheme like this was put forward, it would be ruled out of order, because it was not possible for the University at the present time to spend a single pice upon purposes of such a character. He would mention one other instance, because it was a very recent one, and it further related to a proposal which he thought emanated from the head of the Local Government. Only the other day certain proposals connected with providing lodging-houses for students in Calcutta, and exercising some sort of supervision over them, were submitted by Mr. Wilson, of the Presidency College, and were strongly recommended for consideration by the Lieutenant-Governor. These were placed before a conference of Educational Officers of the Government belonging to the Senate. But they were unable to consider the matter upon its merits, because they pointed out that the proposal could not be given effect to, even if it was urgent, until the Act of Incorporation was amended. There he believed the matter rested. He thought these instances within this short period of time were enough to show the necessity that did exist for removing the restrictions under which the work of the University was at present carried on. He might further say that there was positive practical inconvenience experienced in the working of the University under the present Regulations. He had already referred to the fact, an important one, that an opportunity of getting valuable editions could not be utilised. He might also refer to the modified form of election fever which was at present raging, and ask how they were to meet the expenses which had already been and would further be required to be incurred in connection with that election. If the question was raised, it would not be easily answered; though the burden to be laid upon the funds of the University would not be a ruinnous one, yet if the rulings of the Senate and Syndicate

on occasion after occasion had any effect, then it was certainly outside the purposes of the University to devote a single pice of its funds for the purpose of meeting these expenses. What were they going to do then? These instances showed that the University had altogether outgrown the limits of 1857; the necessities of the University were so much greater, the field it covered was so much wider, its needs were so much ampler that those limits must be removed.

He had one remark to make in reference to the letter, and it was this. It ought to be pointed out, with all deference and respect, that the most important of the Committee's recommendations did not relate to the nomination of Fellows. Speaking for himself, he should be content if a short Act were passed for the immediate present, simply modifying the preamble on the lines of the Allahabad University Act, which would take away those restrictions which were so unworkable in practice and so injurious to the primary objects of the University. He would wish to refer to an observation in the letter of great weight, namely, that the system of election was now being tested in different provinces, and experience of its results should be awaited before it could be incorporated in any Act of the Governor-General's Council. With regard to that, there was one observation. In the Committee's recommendations given at page 352 of the Minutes for 1890-91, it was proposed that one-half should be elected by graduates in accordance with bye-laws to be laid down, but the Committee did not lay down any hard and fast rule as regarded the method or system of election; but if necessary, the recommendation could be so modified as to make it still more elastic, fully to meet the varying necessities of the time and the results of experience. He submitted that this would fully meet the difficulties which were pointed out in the letter with reference to the inelastic character of provisions to be embodied in the law which might not be always sufficient to meet the actual requirements of the situation.

Babu Durgamohan Das seconded the motion which was put to the vote and carried; there being one dissentient vote.

7. Babu Asutosh Mookerjee next moved the adoption of the following recommendation of the Syndicate:—

"(*a.*) For the words '*Geometry.* The first four Books of Euclid, with easy deductions,' there be substituted '*Geometry, Elementary*

Surveying and Book-keeping. The first four Books of Euclid, with easy deductions, *or* the first two books of Euclid, with easy deductions, Elementary Surveying and Book-keeping.'

"(*b*.) After '*Drawing*' add the word '*and Short-hand*,' and after 'be held in Drawing' add 'and Short-hand."

The mover, in introducing the subject, said :—Gentlemen,—As all attempts to modify the scheme for the Entrance examination have been looked upon with extreme jealousy by the Senate, and as in making the present recommendation the Syndicate has practically set aside part at least of a carefully considered resolution of the Faculty of Arts,—a circumstance which has not unnaturally given rise to some comment,—I deem it my duty to explain to you fully how and why the matter has come up before you in its present form.

Many of you will, no doubt, remember that so far back as June 1891, Sir Alfred Croft, then Director of Public Instruction, under orders from the Government of Bengal, addressed the University upon the subject of revising the curriculum for the Entrance examination. You will find that letter of Sir Alfred Croft fully set forth in the Minutes for 1891-92, pp. 158—171. In that letter it was pointed out that although primarily the Entrance examination was intended to be a test for ascertaining whether candidates were qualified to enter one of our affiliated colleges and prosecute their studies ultimately with a view to obtaining a degree in Arts, yet as a matter of fact, the Entrance examination was also used as the test which candidates must pass before they could read for either the Medical or the Engineering degrees, and it was also, in many instances, practically the test which candidates must pass before they could obtain employment either in public or private service. Sir Alfred Croft observed that the Entrance examination as at present conducted, however well suited it might be for the purpose of testing the qualifications of candidates ultimately destined for a degree in Arts, was by no means equally well suited for the other two classes of candidates. Sir Alfred Croft, therefore, suggested that the scheme for the Entrance examination should be modified by the introduction of scientific subjects for the benefit of candidates intended for the Medical and Engineering professions, and also by the introduction of practical subjects for the benefit of candidates who have no higher ambition than that of enrolling themselves as under-gradutes of the University, and earning a decent live-

lihood by employment in public or private service. The letter of Sir Alfred Croft came up for discussion before the Faculty of Arts on the 18th November, 1891; on that occasion, the Faculty, led away, to some extent no doubt, by the enthusiasm displayed by some of the speakers, departed from the well-established practice of referring questions of such vast importance, in the first instance either to a Committee, or to the heads of affiliated institutions for their opinion and advice,—the Faculty departed from its usual practice, and then and there adopting the principle that it was desirable to widen the course for matriculation by the introduction of scientific and practical subjects for the benefit of candidates intended for non-literary careers, proceeded to appoint a small Committee of experts to draw up a detailed scheme on the basis of the letter of the Director of Public Instruction. The report of the Committee which came up before the Faculty of Arts on the 26th March, 1892, will be found in the Minutes for 1891-92, p. 296. The Committee drew up an elaborate scheme, which substantially comes to this; that of the four subjects, namely, English, Mathematics, a Second Language, History and Geography, in which candidates are now examined, the Second Language and History should be declared to be optional subjects, and that in their stead candidates should be allowed to take up a specified scientific subject, including under that name an advanced course in Mathematics, Physics, Chemistry, Physiology, Hygiene, Zoology, Botany and Geology. The Committee also recommended that Book-keeping and Short-hand should be introduced as optional subjects, to be placed on the same footing as Drawing. These recommendations of the Committee having been all adopted by the Faculty, the matter came before the Syndicate for discussion. The Syndicate after anxious consideration of the recommendations of the Faculty of Arts, which came before them with all the weight of the authority of the Government of Bengal and the Director of Public Instruction, felt that it would not be prudent, to say the least, to send such an elaborate scheme to the Senate without first obtaining the opinions on the subject, of that large body of intelligent, educated and experienced gentlemen to whom is entrusted the education of our youths throughout these provinces. The Syndicate accordingly circulated the report of the Committee and the resolution of the Faculty thereon, to the heads

of affiliated institutions and recognised schools, and invited their opinion on the subject; and I have no doubt that in taking this step the Syndicate were only anticipating your wishes in the matter. A large mass of opinions was received, occupying about 150 closely printed pages of the Minutes which have already been circulated to you (Minutes for 1892-93, pp. 232—371). A careful examination of these opinions disclosed a remarkable state of things; it was found that a large majority, a majority of 2 to 1 was strongly opposed to the introduction of scientific subjects, but that an equally large majority was decidedly in favour of practical subjects. It therefore became the duty of the Syndicate, before making any definite recommendations to you, to consider the scheme proposed by the Committee of the Faculty of Arts and approved by the Faculty, in the light of the opinions received from the heads of educational institutions; and I may tell you at once that some of the objections advanced against the introduction of scientific subjects—even as alternative subjects—appeared to the Syndicate to be well founded. It has been urged in the first place, that however desirable it may be to introduce scientific subjects into the Entrance course, where is to be found in the present state of education in the country, the machinery for carrying out so laudable an object? There are about 450 schools which send up candidates for the Entrance examination; it is a notorious fact, which we cannot afford to ignore, that most of these institutions are so poor that they can with difficulty meet their ordinary expenses; can we reasonably expect these schools to keep up a well-furnished laboratory and a well qualified staff of teachers? Then again we must not overlook the fact that not many months ago we passed a stringent rule to the effect that no teacher of a recognized school is to be allowed to teach more than 50 scholars at the same time,—a rule which, however beneficial it may be, would undoubtedly increase the cost of maintaining these schools. It is, therefore, for you to consider whether it is wise and proper to force a reformed scheme on these schools, when we are fully convinced that they have not the means of efficiently carrying it out in practice. But assuming for a moment that the necessary funds will be forthcoming from sources now unknown to us, consider whether it would be possible to get a sufficient number of qualified teachers to impart instruc-

tion in science to the students of so many recognized schools. If you look through the University Calendar, you will find that during the last ten or twelve years the University has produced about 40 M. A.'s in Physics and Chemistry, about half a dozen in Botany, three in Physiology and Zoology, and one in Geology. Even assuming, therefore, that these Masters of Arts in scientific subjects are fully qualified to be successful teachers, that every one of them is so gifted as to be able to convey in a difficult foreign language an adequate knowledge of the facts and principles of experimental science to the minds of youths of fourteen or fifteen,—even assuming this, it is abundantly clear that we must wait for years before we can get an adequate supply of qualified teachers. I have not the slightest doubt that if these scientific subjects find a place in the curriculum for the Entrance examination, the students who take them up will never be properly trained, and will rely entirely upon those pernicious crambooks which ruin our students by hundreds. But, supposing all these objections are removed, there comes the question, is it really desirable that the second language and history should be made optional subjects, that students should acquire a smattering of science at the expense of all knowledge, not only of their classical language, but also of the histories of their own country and of England. It would be superfluous for me to discourse to you on the supreme importance of the study of the classics and history to every earnest student in this, or indeed, in any country; but, speaking for myself, I have no doubt that the University will not have much reason to feel proud of a graduate even in the Faculty of Medicine or Engineering, who is so completely ignorant of the history of his country and of England, that he stares at you with a blank pitiful look of ignorance when you mention to him the names of Akbar and Bentinck, of Cromwell and Wellington. But, if the scheme for the introduction of science into the Entrance course is really so very questionable in its nature, let us pause and examine for a moment whom it is supposed to benefit. As I have already explained to you, the scientific subjects are sought to be introduced for the benefit of medical and engineering students; now, if you look to your medical regulations, you will find that no one can proceed to a Medical degree without having previously passed th F. A. examination; it is clear, therefore, that so lon

as a classical language and history—subjects which are supposed to be obnoxious to the medical student—continue to form part of the course prescribed for the F. A. examination, no imaginable benefit can accrue to the medical student by the removal of those subjects from the Entrance curriculum. Take next, the case of the engineering student ; under your regulations, any under graduate who has passed the Entrance examination is qualified to read for the Engineering degrees ; now, as these scientific subjects are proposed to be introduced as alternative subjects, I have no doubt that when the professor of science in the Engineering College meets his newly-formed class, he will find it composed of some who have passed the Entrance examination with Sanskrit and History, and of others who have passed the examination with a smattering of science picked up in some obscure village school ; the professor will, therefore, find it necessary to teach the subject from the beginning, and will, perhaps, at no distant date, discover that the students who came completely ignorant of science have made, under his careful and accurate teaching, a more thorough and satisfactory progress than the others who had to unlearn what they had managed to pick up from the precious note-book of some fifth-rate teacher. Indeed, gentlemen, the more closely you examine the scheme for introducing scientific subjects into the Entrance Course, the stronger grows the conviction that, however catching at first sight the scheme may seem to be, it is really beset with many serious practical difficulties, and will, if adopted, disorganise the whole course of studies for that examination without conferring any appreciable benefit on anybody. The Syndicate, therefore, after a careful consideration of all these reasons and others which will readily suggest themselves to you, came to the conclusion that they ought not to recommend for your approval that part of the scheme of the Faculty of Arts which relates to the introduction of alternative scientific subjects into the Entrance course.

As regards the other part of the scheme of the Faculty of Arts, which relates to the introduction of practical subjects, you will find that it has been approved by the majority of the heads of educational institutions who have sent in their opinions ; and the Syndicate have, therefore, thought it proper to recommend the matter for your favourable consideration."

Rai Lalmadhab Mukerjee, Bahadur, seconded the motion.

Rai Radhikaprasanna Mukerjee, Bahadur, moved the following amendment :—

That the recommendations of the Committee originally appointed by the Faculty of Arts, which were accepted by that Faculty on the 26th March, 1892, be adopted.

He begged to explain that the sum of the opinions of the heads of affiliated or recognised institutions contained in the Minutes, did not altogether support the idea that they did not want scientific training. About 30 per cent. of the reporting schools had given their complete adhesion to the scheme proposed by the Committee. If these were ready and competent to teach the alternative course recommended, it would be admitting them to a privilege which they greatly valued. Now, all that the Faculty of Arts and the Committee originally proposed was to allow an option to teach certain branches of knowledge, and it was not intended that any school which had not the means of teaching additional scientific subjects, should be forced to do so. It was explained at the meeting of the 26th March, 1892, that as the schools were not affiliated, the students would not have the right to claim instruction in the alternative subjects. If schools were compelled to teach on all subjects, what was the object of allowing them the option? It was further declared then that if many of the subjects were declared optional, most of the schools would not take them up. It took a long time for schools in general to accept any changes.

The Vice-Chancellor said that the form in which the amendment had been handed in made it a substantive motion. The object would be attained by moving that the proposal of the Syndicate be not accepted.

Mr. Nash said that the proposal was in order from this point of view. The question which was laid before the Senate by the Syndicate was the Syndicate's modification of a recommendation of the Faculty of Arts. The whole question was discussed in the Syndicate upon the report of the Committee and the resolution of the Faculty of Arts. There was nothing before the Senate now to show, beyond the speech of the mover, what was done in the Syndicate, and as the question had been laid before the Senate in that form by the Syndicate, he thought the history of the question which was laid before the Syndicate and Faculty, should at the same time be laid before the Senate. The

ordinary course of procedure would have been for the Syndicate to submit to the Senate the proposal of the Faculty of Arts with their own recommendations upon it. In that case the question would have been laid before the Senate in this form. The proposal of the Syndicate would have been the substantive motion, but the whole of the original scheme of the Faculty of Arts would at the same time have been laid before the Senate, and then it would have been in the power of any member of the Senate to have proposed that the scheme of the Syndicate be rejected, and the original scheme adopted.

Mr. A. M. Bose said he did not agree in the view that it was the duty of the Syndicate to lay before the Senate the report of the Faculty of Arts, together with any recommendation for accepting or rejecting it, as the Faculty has no power to send any recommendation to the Senate. It simply occupied the position of an advising body.

The Vice-Chancellor suggested to the mover of the amendment that he might move that the whole matter be referred back to the Syndicate for reconsideration.

Rai Radhikaprasanna Mukerjee, Bahadur, accordingly moved "that the motion before the Senate be rejected and that the whole question be referred back to the Syndicate for reconsideration, in the light of the report of the Committee originally appointed upon it and of the resolution of the Faculty of Arts." He said he had partly explained that this proposal of the Syndicate came before the Senate without the support of the Faculty of Arts or of the Committee originally appointed by that Faculty. The question first came before the Syndicate on a reference from the Educational Department, at the instance of the Bengal Government, which particularly desired that an optional scientific or technical curriculum should be prescribed for Entrance candidates. Such an alternative course had already been approved in some of the other provinces in India, Bombay taking the lead in the matter; and Madras at the same time took steps to carry out the object; and the N.-W. Provinces and the Panjab had also adopted such an optional curriculum of study. Their University, which had taken the lead in so many matters, should not be left behind, simply because the great majority of the schools were poor. Were there not rich schools in the country, and many of them able to keep up optional

scientific and technical classes? One-third of the schools consulted had expressed their entire approval of the scheme submitted by the Committee and approved by the Faculty of Arts. For all these reasons he would recommend the proposal to be referred back for reconsideration.

Dr. P. K. Ray seconded the amendment, and pointed out that several other recommendations of the Faculty of Arts were either lost sight of or entirely ignored.

Maulavi Muhammad Yousuf submitted that the recommendations of the Syndicate were such that it was possible to entertain grave doubts as to the propriety of accepting them. They assumed in the first place, that a change was necessary, and they pointed out the direction in which the change should go. But the view he submitted, was that they should hold that the recommendations be not accepted; regard being had to the needs of the students and the general objects which the University had in view; no change in this particular direction was necessary. The question he would put to them was whether the change should be in the direction of rendering the course of examinations more difficult, because it appeared to him that the change which was suggested was one which would make the examinations more difficult.

Babu Kalicharan Banerjee confessed he did not quite understand the import of the second motion before them. The first part of it was intelligible enough, but the second part, that the matter be referred back, was not intelligible, because there was no matter before them to refer back. Besides, if the recommendation was negatived, there would be an end of the matter, and what the second motion contemplated to secure, in part, be rejected.

Mr. Nash said he would support the original motion. The question had come before the Syndicate upon a resolution of the Faculty of Arts originated by the Government of Bengal, who were of opinion that some form of practical or technical education should be introduced into schools in Bengal, and in that opinion the Government of India concurred. And as had been already pointed out, some form of practical education had been introduced by the Government of Bombay, in Madras, in the Punjab and in the Allahabad University. He trusted that if the

proposal of the Syndicate was carried, the Government of Bengal would sever the connection between its own schools and the University and establish its own final standard examination for High schools.

Babu Mahendranath Roy said he would vote against both the amendment and original motion, as it seemed to him that by giving effect to the recommendation of the Syndicate they would be going beyond their legitimate scope of work, as laid down in the Act of Incorporation.

The Rev. Mr. Ashton said he did not think they had quite apprehended the subject from one particular point of view, and that was the practical advantage to be derived from an elementary knowledge of Book-keeping, Surveying or Short-hand. This little fractional introduction of these subjects here and there would be of very little use. He did not wish to discourage scholars or school, but he did not think it worth while to encourage the introduction of these subjects into the curriculum in the manner recommended.

Babu Narendralal De objected to the resolution. He did not quite understand how the question arose, but he did not understand what subjects like Elementary Surveying, Book-keeping and Short-hand had to do with the true education of students which would help them in the business of life. He was, therefore, opposed to the motion.

The Vice-Chancellor said that he did not propose to address them upon this matter, but he took it, the matter stood thus: The amendment practically amounted to a re-affirmation of the proposal which the Syndicate in its recommendations to the Senate had obviously found it impossible to adopt, except in a very fractional degree, since the amendment would have the effect of continuing or attempting to continue the project advocated in the report of the Committee which was referred to in the terms of the amendment. If the amendment was lost, there would arise the question which had been discussed by three speakers, namely, whether it was desirable to adopt this proposal of the Syndicate; that is to say to embody the very fractional portion of the proposal of the former Committee in the practice of the University. He was bound to say it was not a matter which was before the Syndicate when he was a member of it, but so far as any enquiries he had made went, he should not regret if neither the amendment nor the original motion was carried.

The amendment was then put to the vote with the result that there were only four votes in favour of it. It was therefore declared lost. The original recommendation was then put to the vote, with the result that eight voted for and 17 against it. It was also declared lost.

The meeting then separated.

(Confirmed).

JONES Q. PIGOT,
Vice-Chancellor.

W. GRIFFITHS,
Registrar.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 1.

THE 6TH MAY, 1893.

Present:

THE HON'BLE MR. JUSTICE PIGOT, *Vice-Chancellor, in the Chair.*

DR. MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR. RASHBEHARY GHOSE.
MAULAVI MUHAMMUD YOUSUFF, KHAN BAHADUR, B.L.
J. S. SLATER, ESQ.
J. H. GILLILAND, ESQ., M.A.
BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
J. F. P. MCCONNELL, ESQ., M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

8. The Minutes of the meetings of the Syndicate held on the 8th and the 11th April, were read and confirmed.

9. The Registrar submitted the following statement of the results of the Entrance examination:—

The number of candidates registered for the examination was 5,719, of whom 48 were absent, and 3 expelled. Of the remaining 5,668 candidates, 3,722 passed and 1,946 failed. Of the successful candidates, 945 were placed in the First Division, 1,901 in the Second, and 876 in the Third.

The Registrar stated that in anticipation of the orders of the Syndicate he had published the names of the successful candidates in the *Gazette*.

RESOLVED—

That the action of the Registrar be approved.

On the results of the Entrance examination, the following medal and prizes were awarded :—

(a). The Jaynarayan Prize was awarded to Pramathanath Chattopadhyay of the Albert Collegiate School.

(b). The Jatindrachandra Medal was awarded to Pramathanath Chattopadhyay of the Albert Collegiate School.

(c). The Jatindrachandra Prize was awarded to Narendranath Pal of the Hare School.

(d). The Kesabchandra Sen Prize was awarded to Sarala Sen of the Bethune Collegiate School.

10. The Registrar submitted the following statement of the results of the First examination in Arts :—

The number of candidates registered for the examination was 2,408, of whom 98 were absent. Of the remaining 2,310 candidates, 929 passed and 1,381 failed. Of the successful candidates, 42 were placed in the First Division, 188 in the Second, and 699 in the Third.

The Registrar stated that in anticipation of the orders of the Syndicate he had published the names of the successful candidates in the *Gazette*.

RESOLVED—

That the action of the Registrar be approved.

On the results of the First Examination in Arts, the following candidates were elected Duff scholars :—

Asutosh Chattopadhyay, Hughli College	in Languages, Mathematics and Physics and Chemistry.
Nagendranath Gangopadhyay ...	Free Church Institution and Duff College.
J. W. Kemble	Bishop's College.

The Saradaprasad Prizes were awarded to—

Debendrakumar Mallik ...	St. Xavier's College.	*Physics.*
Bholanath Gangopadhyay ...	Hughli College.	
Kiranchandra Mitra, No. I ...	Presidency College.	*Chemistry.*
Kunjabihari Ballabh ...	Genl. Assembly's Instn.	
Ramendranath Ghosh ...	Ditto.	
Jamininath Basu ...	Brajamohan Institution.	
Krishnachandra Bhattacharyya	Presidency College. ...	*History.*
Krishnachandra Bhattacharyya	Presidency College. ...	*Logic.*

The Pachete Sanskrit Prize was awarded to Asutosh Chattopadhyay of the Hughli College.

11. Read the following report of the Board of Examiners for the B. A. examination :—

"FROM

THE BOARD OF EXAMINERS FOR THE
B. A. EXAMINATION,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated the 2nd May, 1893.

SIR,

We have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the B. A examination.

The number of candidates registered for this examination, was 1,279, and of these 1,032 took up the A. Course and 247 took up the B. Course.

Of the 1,032 candidates in the A. Course, 217 were successful and 815 (including 44 absentees) failed. Of the successful candidates, 178 were placed in the Pass list and 39 in the Honour lists; of these 8 obtained Honours in two subjects. The number of names, therefore, in the Honour lists is 47. Of these 7 were placed in the First Division and 40 in the Second.

Of the 247 candidates in the B. Course, 98 were successful, and 149 (including 11 absentees) failed. Of the successful candidates 73 were placed in the Pass list and 25 in the Honour lists; of these 4 obtained Honours in two subjects. The number of names, therefore, in the Honour lists is 29, all in the Second Division.

Detailed results of the examination are given in the accompanying tables.

With reference to para. 6 of the Rules for Election to the Scholarships tenable in England by Natives of India, we beg to recommend the following graduates as being in our opinion fit and proper persons to be elected for the Government Scholarship.

B. 115. Muralidhar Raychaudhuri.
B. 97. Kshitischandra Sarkar.
A. 254. Hariprasanna Mukhopadhyay.
A. 278. Priyanath Sen.

We also beg to recommend Muralidhar Raychaudhuri (B. 115) for the Gilchrist Scholarship.

The examination has been conducted in accordance with the instructions laid down for our guidance in our letter of appointment.

We have the honour to be,

SIR,

Your most obedient servants,

(Sd.) JOHN HECTOR.
" P. K. RAY.
" H. STEPHEN.
" H. M. PERCIVAL.
" J. H. GILLILAND.

Table I showing the number of candidates at the B. A. examination and the number passed :—

	Honours.					Pass.				
	No. of candidates.	No. absent.	No. passed.	No. failed.	Percentage.	No. of candidates.	No. absent.	No. passed.	No. failed.	Percentage.
A. Course, Pass ...	.	...	..	...	. .	896	39	178	679	19·8
A. Course, Honours ..	136	5	39	92	28·6	...	...	...	...	...
B. Course, Pass ...	...	.	..	...	...	175	6	73	96	41·7
B. Course, Honours ..	72	5	25	42	34·7	...	...	...	...	...
Total ...	208	10	64	134	30 7	1,071	45	251	775	23·4

Table II showing the number of candidates for Honours at the B. A. examination and the number passed :—

	No. of candidates.	No. absent.	Total passed.	1st Division.	2nd Division.	No. failed.	Percentage of passed candidates.
English	94	2	19	3	16	73	20·2
Philosophy	32	3	10	...	10	19	31·2
Sanskrit	29	...	12	1	11	17	41·3
Arabic	2	...	...	...	...	2	..
Persian	12	1	5	3	2	6	41·6
History	1	...	...		...	1	...
Mathematics	32	1	10	...	10	21	31·2
Physics and Chemistry . .	45	2	20	...	20	23	44·4
Biology	1	...	...	..	...	1	...
Total ...	248	9	76	7	69	163	30·6

Table III, showing the number of candidates at the B. A. examination and the number passed in each subject :—

	No of candidates.	Number passed	Number absent	Percentage of passed candidates
A COURSE.				
English	1,032	415	30	40 2
Philosophy	1,032	482	35	46 7
Latin	9	7	...	77 7
Sanskrit	599	305	19	50 9
Arabic	4	3	...	75
Persian	72	60	4	83 3
History	245	143	14	58 3
Mathematics	101	58	5	57·4
B. COURSE.				
English	247	134	3	54 2
Mathematics	247	140	11	56·6
Physics and Chemistry ...	237	161	9	67 9
Physiology and Botany ...	8	6	1	75
Geology, Mineralogy and Physical Geography ...	2	...	1	...

The Registrar stated that, in anticipation of the orders of the Syndicate, he had published the names of the successful candidates in the *Gazette*.

RESOLVED—

That the report be adopted, and the action of the Registrar be approved.

The following are the names of the successful candidates:—

HONOURS.

(E) indicates 1st Division in English.
(S) " " " " Sanskrit.
(c) " 2nd " " Chemistry and Physics.
(e) " " " " English.
(m) " " " " Mathemetics.
(ph) " " " " Mental and Moral Science.
(s) " " " " Sanskrit.

ENGLISH.

First Division.

In order of merit.

1 Bhadra, Satyendranath ... Dacca College
2 Mukhopadhyay, Hariprasanna (ph) Presidency College
2 Ray, Narendranath (ph) .. Hughli College

Second Division.

In order of merit.

1 Raha, Hemantakumar ... Presidency College
2 Mitra, Sureschandra (ph) ... Ditto
3 Bandyopadhyay, Nanigopal ... Ripon College
3 Mukhopadhyay, Satischandra ... L. M. S. College, Bhowanipur
5 Sen, Kumudkanta ... Presidency College
6 Chandra, Hrishikes (ph) ... Ditto
7 Bandyopadhyay, Nibaranchandra ... Dacca College
8 Datta, Satyendra ... Presidency College
9 Bandyopadhyay, Nirmalchandra (ph) Ditto
9 Sengupta, Jyotirindranath ... Metropolitan Institution
11 Afzabar Rahaman ... Presidency College
11 Ray, Satischandra ... Victoria College, Cooch-Behar
13 Ghosh, Nitaicharan ... City College
14 ,, Kshetranath (ph) ... Presidency College
15 Chattopadhyay, Durgacharan (s) ... Ditto
16 Sen, Chandrasekhar ... Hughli College

PHILOSOPHY.

Second Division.

In order of merit.

1 Chakrabarti, Jogindrachandra ... F. C. Instn. and Duff College
2 Bandyopadhyay, Nirmalchandra (e) Presidency College
3 Mukhopadhyay, Hariprasanna (E)... Ditto
4 Mitra, Sureschandra (e) ... Ditto
5 Sen, Priyanath (S) ... Ditto
6 Chakrabarti, Satischandra ... City College
7 Ray, Narendranath (E) ... Hughli College
8 Chandra, Hrishikes (e) ... Presidency College
9 Ghosh, Kshetranath (e) ... Ditto
10 Chattopadhyay, Upendrachandra ... F. C Instn. and Duff College

MATHEMATICS.

SECOND DIVISION.

In order of merit.

1	Raychaudhuri, Muralidhar (c)	...	Presidency College
2	Bhattacharyya, Nanilal	...	City College
3	,, Hiralal, I	...	Metropolitan Institution
4	Sarkar, Kshitischandra (c)	...	Presidency College
5	Brahmachari, Upendranath	...	Hughli College
6	Sengupta, Upendramohan	...	Ditto
7	Ray, Muktidaranjan (c)	...	City College
8	Sengupta, Khagendranath	...	Patna College
9	Sen, Mohitkanta (c)	...	Presidency College
10	Datta, Rameschandra	...	Ditto

PHYSICS AND CHEMISTRY.

SECOND DIVISION.

In order of merit.

1	Bandyopadhyay, Durgadas	...	Presidency College
2	Nag, Kamakhyacharan	...	City College
3	Lala, Trilok Nath / Ray, Mahimchandra	...	St. Xavier's College / General Assembly's Institution
5	Sarkar, Sarasilal	...	Presidency College
6	Chaudhuri, Anathnath	...	Ditto
7	Biswas, Satischandra	...	Ditto
8	Sarkar, Kshitischandra (m)	...	Ditto
9	Mukhoti, Mahendranath	...	General Assembly's Institution
10	Sarbadhikari, Kiranprasad	...	Presidency College
11	Mukhopadhyay, Phanindranath / Raychaudhuri, Muralidhar (m)	...	Ditto / Ditto
13	Trimbak Tatiaji Korke	...	Jabalpur College
14	Hajra, Saratchandra	...	Presidency College
15	Mukhopadhyay, Manmathanath	...	Ditto
16	Sen, Mohitkanta (m)	...	Ditto
17	Majumdar, Annadaprasad	...	Ditto
18	Mukhopadhyay, Saratchandra	...	City College
19	Ghosh, Gopalchandra	...	General Assembly's Institution
20	Ray, Muktidaranjan (m)	...	City College

SANSKRIT.

FIRST DIVISION.

	Sen, Priyanath (ph)	...	Presidency College

SECOND DIVISION.

In order of merit.

1	Bhattacharyya, Debabrata	...	Presidency College
2	,, Kokileswar	...	Ditto
3	Ray, Upendranath	...	Metropolitan Institution
4	Bandyopadhyay, Asutosh	...	Krishnagar College
5	Sen, Ramchandra	...	General Assembly's Institution
6	Das, Nilambar	...	Victoria College, Cooch-Behar
7	Sarkar, Panchanan	...	Metropolitan Institution
8	Bhattacharyya, Kuladaprasad	...	Ripon College

9 Vasudev Govind Apte ... Hislop College
10 Mitra, Chandrakanta ... Patna College
11 Chattopadhyay, Durgacharan (e) . Presidency College

PERSIAN.

First Division.

In order of merit.

1 Muhammad Akhter ... Patna College
2 Abu Iman Fazlur Rahim ... Hughli College
3 Shaikh Khalil Ahmad ... Patna College

Second Division.

In order of merit.

1 Syed Md. Naqui . . Patna College
2 „ Izhar Hasnain ... Ditto

PASS.

In Alphabetical order

Abdul Azim ... ... St. Xavier's College
Abdul Aziz ... ... Dacca College
Abdul Hamid ... ... St. Xavier's College
Abdur Rahim .. .. Presidency College
Abul Maqsud ... ... St. Xavier's College
Adhikari, Kaminikumar ... ... Dacca College
„ Phanibhushan ... ... Metropolitan Institution
Ajodhya Prasad ... ... Patna College
Aminul Islam ... ... Presidency College
Annaji Ganesh ... ... St. Xavier's College
Arthur Rao ... ... F. C. Instn. and Duff College
Atai Elahi ... ... Hughli College
Bagchi, Praphullachandra ... ... City College
Bah Kho ... ... Rangoon College
Baksi, Tarinikanta ... ... L. M. S. Col., Bhowanipur
Balajee Narayan Fukey ... ... Hislop College
Baldeo Naraien Singh ... ... St. Xavier's College
Balwant Sahay ... ... Patna College
Bandyopadhyay, Bijaykumar ... Presidency College
„ Charuchandra ... Hughli College
„ Haridas ... Ripon College
„ Jogeschandra . . City College
„ Kalidas ... ... Genl. Assembly's Institution
„ Kalidas ... .. L. M. S. Col., Bhowanipur
„ Lalbihari .. ... F. C. Instn. and Duff College
„ Manoranjan ... Hughli College
„ Mathuranath ... F. C. Instn. and Duff College
„ Pramodchandra ... Genl. Assembly's Instn.
„ Rajanikanta .. F. C. Instn. and Duff College
„ Rajanikanta ... Presidency College
„ Rajendrachandra ... Dacca College
„ Rasikchandra .. Ditto
„ Saratchandra ... Ripon College

Bandyopadhyay, Sasibala	... Bethune College
,, Upendrachandra	... Presidency College
,, Upendranath	... General Assembly's Institution
Basak, Rajendralal ...	... Dacca College
Basu, Atulchandra ...	... Presidency College
,, Chunilal	... Patna College
,, Debendranath . .	... Dacca College
,, Kaliprasanna ...	... Hughli College
,, Karunamay ...	... General Assembly's Institution
,, Radhikaprasad ..	... Dacca College
,, Sasisekhar ...	... Presidency College
,, Satischandra ...	... Ditto
,, Surendrakrishna ...	... St. Xavier's College
,, Surendranath ...	... Naral Victoria College
,, Trailokyanath ...	... General Assembly's Institution
Bhattacharyya, Akshaykumar	... Metropolitan Institution
,, Dasarathi ...	... Hughli College
,, Girijacharan	... Ditto
,, Jogindranath	... Presidency College
,, Pramathanath	... City College
,, Saratchandra	... Naral Victoria College
,, Taraknath, No. I	.. Ripon College
,, Taraknath, No. II	... Ditto
Biswas, Bakulal	... Ditto
Bomanji Buzorji Mehta ...	... Hislop College
Chakrabarti, Gopalchandra	... Metropolitan Institution
,, Purnendu ...	... Dacca College
,, Rakhaldas ...	... Hughli College
,, Saratchandra	... General Assembly's Institution
,, Saratchandra	... Metropolitan Institution
,, Surendranath	... Ripon College
,, Surendranath	... Victoria College, Cooch-Behar
Chandra, Ellen ...	... Bethune College
,, Hemendranath ...	... City College
Chattopadhyay, Akhilkumar	... Rajshahye College
,, Bamapada ...	... General Assembly's Institution
,, Bipinbihari, No. I	... Hughli College
,, Bipinbihari, No. II	... Ditto
,, Bishnupada	... City College
,, Hanseswar	... Metropolitan Institution
,, Haripada ...	... City College
,, Jogindranath	... Presidency College
,, Jotishchandra	... Ripon College
,, Krishnachandra	... Metropolitan Institution
,, Panchkari	... Presidency College
,, Rakhalchandra	... Metropolitan Institution
,, Rameschandra	... F. C. Instn. and Duff College
,, Ramkrishna	. Ditto
,, Srinarayan .	. . Patna College
Chattoraj, Srimadhab ..	. F. C. Instn. and Duff College
Chaudhuri, Banwarilal ...	... Rajshahye College
,, Charuchandra ...	. General Assembly's Institution
,, Durllabhkrishna	Metropolitan Institution
,, Dwijendranath ...	... Presidency College
,, Rajanikrishna	... Teacher
,, Ramgopal ...	... Patna College
,, Surendranath, No. I	... Metropolitan Institution
Das, Ajaychandra ...	... Ravenshaw College
,, Akshaykumar ...	... St. Xavier's College

Das, Basantachandra ...	... Genl. Assembly's Institution
,, Chandrakanta ..	... Metropolitan Institution
,, Jagatchandra ...	... City College
,, Kaliprasanna ...	... Genl. Assembly's Institution
,, Kaminikumar ...	... Metropolitan Institution
,, Kulachandra ...	... Ripon College
,, Pyaricharan ...	... Dacca College
,, Ramanikanta ...	... Ditto
,, Saradananda ...	... Genl. Assembly's Institution
Dasgupta, Atulchandra ...	... Presidency College
,, Hemchandra ..	... Genl. Assembly's Institution
,, Syamasankar ...	... Dacca College
Datta, Dasarathi ...	. Hughli College
,, Harischandra ...	... Presidency College
,, Indubhushan ...	... Teacher
,, Jogeschandra, No I.	... Ripon College
,, Jogeschandra, No. II.	... Ditto
,, Nadiachand ...	... Patna College
,, Nagendrachandra ...	... Metropolitan Institution
De, Bhabendranath ...	... Ripon College
,, Purnachandra ...	... Dacca College
,, Purnachandra ...	... F. C. Instn. and Duff College
,, Sasimohan ...	... Presidency College
Deb, Iswarchandra ...	... City College
,, Syamacharan ...	... Ditto
Efazuddin Ahmed ...	... Hughli College
Ekanayaka, H. J. V, ...	... Wesley College, Colombo
Gangopadhyay, Asutosh	. Ripon College
,, Rajanikanta	... City College
,, Ramanimohan	... Patna College
,, Surathnath	... Genl. Assembly's Institution
Ganpati Sadasheo Panday	... Morris College, Nagpur
Ganpat Vanaik Kher	... Hislop College
Ghatak, Narmadacharan	... Metropolitan Institution
Ghosh, Bhupendranath	... Presidency College
,, Binodlal	. F. C. Instn. and Duff College
,, Gopalchandra	... Ripon College
,, Jyotindramohan	... Genl. Assembly's Institution
,, Kaminikumar	... Patna College
,, Lalitmohan	. . Presidency College
,, Sitanath	.. St. Xavier's College
,, Surabala	. . Bethune College
Ghoshhajra, Kantichandra	... Berhampur College
Guha, Dineschandra	. . Dacca College
,, Durgamohan	... Ditto
,, Jnanranjan	... Ditto
,, Jogeschandra	... Metropolitan Institution
,, Satindranath	... Ripon College
,, Satischandra	.. Metropolitan Institution
Gupta, Rameschandra	... General Assembly's Institution
Haldar, Kisorilal	.. Ripon College
H. M. Abdul Gany	. . Patna College
Jagannath Gadi Kathicar	... Hislop College
Janki Prasad	... Patna College
Kanjilal, Haridas	... Ripon College
Kar, Nabinchandra	. Teacher
Karmakar, Purnachandra	... St. Xavier's College
Kashinath Waman Kul Karni	... Jabalpur College
Kumar, Bipranarayan	.. Patna College

Kundu, Jagannath	,, Teacher
Lahiri, Narendranath	... Presidency College
,, Sureschandra	... Teacher
Lakshmi Narayan, A.	... Jabalpur College
Maitra, Nagendranath	... Ripon College
Majumdar, Bidhubhushan	.. Presidency College
Mallik, Sisirkumar	... St. Xavier's College
Marsh, J. A.	... Rangoon College
Mitra, Asutosh	. . Hughli College
,, Baburam	... Ripon College
,, Brajendralal	... Victoria College, Cooch Behar
,, Hemchandra	... General Assembly's Institution
,, Manmathachandra	... Patna College
,, Narendranath	... F. C. Instn. and Duff College
Muhammad Sulaiman	.. Hughli College
Mukhopadhyay, Debabrata	... General Assembly's Institution
,, Girindranath	. F. C. Instn. and Duff College
,, Girindranath	... St. Xavier's College
,, Haribhushan	... Presidency College
,, H. B.	... Ditto
,, Jogindranath	... L M. S. College, Bhowanipur
,, Kumarishnath	... Ripon College
,, Manmohan	... Ditto
,, Mrigendralal	... Metropolitan Institution
,, Prangopal	... F. C. Instn. and Duff College
,, Praphullachandra	... Ripon College
,, Ramchandra	... Hughli College
,, Sasibhushan	.. City College
,, Sitalchandra	... Ditto
Muti Mubasa	... Teacher
Nandi, Akinchan	... F. C. Instn. and Duff College
Niyogi, Jogindraprasad	... City College
,, Prasannakumar	... Metropolitan Institution
Pal, Basantakumar	... Presidency College
,, Manmathanath	... St. Xavier's College
,, Siddheswar	... Hughli College
Palit, Anathnath	... Presidency College
Pan, Radhikapada	... Hughli College
Panigrahi, Dasarathi	.. Ravenshaw College, Katak
Purushottam Vishnu Jogdand	.. Jabalpur College
Raghunath Balwant Gharpure	... Genl. Assembly's Instn.
Raghunath Singh	. St. Xavier's College
Ray, Aghornath	... Presidency College
,, Asutosh	... Teacher
,, Bipinchandra	... Ditto
,, Chandrakisor	... Genl. Assembly's Institution
,, Harijiban	. Ripon College
,, Nalinchandra	. Presidency College
,, Nalinikanta	... Krishnagar College
,, Nalinimohan	. Ripon College
,, Sarasimohan	... F. C. Instn. and Duff College
,, Sasisekhar	... Genl. Assembly's Institution
,, Satischandra	. . Metropolitan Institution
,, Satyendranath	... Presidency College
,, Srischandra	... Krishnagar College
Raychaudhuri, Bhujangadhar	... Presidency College
,, Bipinbihari	.. Rajchandra College, Barisal
Sadhu, Taraknath	... Genl. Assembly's Instn.
Saha, Gobindachandra	.. Ripon College

Saha, Jnananjan	...	Hughli College
Saiyad Muhsin Ali	...	Ditto
Sarbadikari, Nagendraprasad	...	Presidency College
Sarkar, Hariprasanna	...	Genl. Assembly's Instn.
,, Rajaniranjan	...	F. C. Instn. and Duff College
,, Siddheswar	...	Hughli College
Sarma, Dwarakeswar	...	Genl. Assembly's Instn.
,, Saradacharan	...	Rajshahye College
Sen, Bijaykumar	...	Genl. Assembly's Institution
,, Chintaharan	...	Ditto
,, Chittaranjan	...	Ripon College
,, Jadunath	...	City College
,, Jagadischandra	...	Ditto
,, Jagatchandra	. .	Ditto
,, Jasadananda	...	Genl. Assembly's Instn.
,, Lalitmohan	...	Ripon College
,, Lalitmohan, No. II.	...	City College
,, Manilal	...	St. Xavier's College
,, Nalinikanta	...	Ripon College
,, Satischandra	...	St Xavier's College
,, Upendranath	...	Metropolitan Institution
Sengupta, Nagendranath	...	City College
,, Saradakumar	...	Ripon College
Shahamat Hossain	...	T. N. Jubilee Col., Bhagalpur
Sheikh Kader Bukhsh	...	Teacher
Sheoram Ganesh	...	Hislop College
Sridhar Bheekajee Gadgil	...	Jabalpur College
Sridhar Vishnu Paranjpe	...	Hislop College
Sinha, Banwarilal	...	Presidency College
,, Satischandra	...	Ripon College
Smart, J. B.	...	Rangoon College
Stemhoff, B. G.	...	Hislop College
Syed Ata Husain	...	Patna College
Syed Mohamed Ismail	...	Ditto
Syed Zainuddin	...	Ditto
Tagore, Surendranath	...	St. Xavier's College
Talattuff Hosain	...	Dacca College
Vishwanath Damodar Salpekar	...	Morris College, Nagpur
Wahidun Nabi	..	City College
Waman Narayan Dharap	...	Hislop College
Wasudeo Balwant Patwardhan	...	Ditto

On the results of the B. A. examination, the Eshan Scholarship was awarded to Priyanath Sen of the Presidency College.

The Radhakanta Medal was awarded to Priyanath Sen of the Presidency College.

The Herschel Medal was awarded to Muralidhar Raychaudhuri of the Presidency College.

The Harischandra Prize was awarded to Muralidhar Raychaudhuri of the Presidency College.

The McCann Medal was awarded to Kshitischandra Sarkar of the Presidency College.

The Piyarichand Mitra Medal was awarded to Nirmalchandra Bandyopadhyay of the Presidency College.

The Hemantakumar Medal was awarded to Jogindrachandra Chakrabarti of the Free Church of Scotland's Institution and Duff College.

The Padmavati Medal was awarded to Surabala Ghosh of the Bethune College.

The Philip Samuel Smith Prize was awarded to Jogindrachandra Chakrabarti of the F. C. Institution and Duff College.

The Kesabchunder Sen Medal and Prize were awarded to Jogindrachandra Chakrabarti of the Free Church of Scotland's Institution and Duff College.

The Prasannakumar Sarbadhikari Medal was awarded to Debabrata Bhattacharyya of the Presidency College.

The Vidyasagar Medal was awarded to Kokileswar Bhattacharyya of the Presidency College.

12. Read a letter from the Deputy Secretary to the Government of India in the Home Department, intimating that the Governor-General in Council approves the changes in the Regulations and the addition to the Bye-Laws specified in this office letter, No. 1283, dated the 3rd March, 1893, and pointing out that the foot-notes marked (†) and (§) in page 74 of the Calendar having reference to the recognition of schools should be omitted, and that in the Rules for the Board of Accounts, the number of members that shall form a quorum should be specified.

RESOLVED—

That the Syndicate recommend to the Senate :—

(a). That in the first foot-note in page 79 of the University Calendar for 1893 (Appendix A) the words "It is in the power of the Syndicate.....discipline" be omitted.

(b) That the first foot-note in page 94 of the University Calendar for 1893 (Appendix A) be omitted.

(c) That in para. 2 of the Bye-Laws relating to the Board of Accounts passed by the Senate at their meeting held on the 17th December, 1892, the words "The three members shall constitute a quorum" be added.

RESOLVED also—

(i). That a circular, together with a copy of the new Rules for the recognition of schools, be issued to the Heads of all Recognised High Schools with the intimation that

these Rules are applicable to schools already recognised by the University, and that fresh applications in accordance with the terms of the new Rules should be submitted at once.

(ii). That copies of the new Rules for the affiliation of Colleges be forwarded to the Heads of all the affiliated Institutions with the intimation that these Rules are applicable to Institutions already affiliated to the University, and that the special attention of the Heads of affiliated Institutions be drawn to paras. 8 and 9 of the Rules.

13. The undermentioned gentlemen were appointed a Committee under Rule 7 of the Rules for Election to the Government Scholarships tenable in England by Natives of India :—

Dr. Mahendralal Sircar, C.I.E.
J. H. Gilliland, Esq., M.A.
Babu Asutosh Mukhopadhyay, F.R.A.S., F.R.S.E.

14. The Registrar submitted applications for the appointment of Tagore Professor of Law for 1894, from the under mentioned gentlemen, opposite whose names are stated the subjects in which they are prepared to lecture :—

NAMES.	SUBJECTS.
Sir Frederick Pollock, Bart., Corpus Professor of Jurisprudence, Oxford University.	The Law relating to Fraud, Misrepresentation and Mistake in British India.
Mr. W. Griffith ...	Ditto ditto ditto.
Mr. M. L. Agarwala ...	Ditto ditto ditto.
Babu Gopalchandra Mukerjee, M.A., B.L. ...	The Land-law of Bengal.
Babu Jogindranath Bhattacharyya M.A., D.L. ...	The Law relating to Joint Property and Partition in British India.

RESOLVED—

That the applications be laid before the Faculty of Law.

15. The Registrar stated that it was necessary to fix the dates for the Entrance, F. A., and B. A. examinations of 1894.

RESOLVED—

That the next Entrance examination be held on the 12th February, 1894, and the next F. A. and B A. examinations on the 26th February, 1894.

16. The undermentioned gentlemen were appointed to set papers for the Entrance, F. A., B. A. and M. A. examinations of 1893-94 :—

ENTRANCE.

English ...	... Mr. F. J. Rowe, M.A.
Mathematics ...	... Mr. W. Booth, M.A.
History and Geography	... Babu Krishnabihari Sen, M.A.
Sanskrit ...	... Babu Krishnakamal Bhattacharyya, B.A.
Bengali ...	... Babu Saradacharan Mitra, M.A.
Arabic and Persian	... Shams-ul-Ulama Maulavi Ahmad.
Urdu	... Maulavi Muhammad Yousuf Jafari.
Latin	... Mr. C. R. Wilson, M.A.
Greek	... Mr. C R. Wilson, M.A.
French	... Rev. V. de Campigneulles, S.J.
Tamil	... Mr. R. Dhanasukoti.
Uriya	... Babu Ramprasanna Mukerjee.
Hindi	... Babu Kanailal Sastri.
Burmese ...	... Mr. A. W. Lonsdale.
Armenian ...	... Mr. T. Stephen.
Mahrathi ...	... Mr. Mahadeo Yeshwant Dole
Parbatia ...	... Babu Kedarnath Chatterjee.
Assamese ...	... Rai Gunabhiram Baruya, Bahadur.
Khasia	... Rev. J. Roberts.
Telugu	... Mr. C. Narayan Swami
Gujrathi ...	... Mr. D. D. Mehta.
Drawing ...	... Mr. W. H. Jobbins.

F. A.

English ...	... Mr. J. Mann, M.A. Rev. J Hector, M.A.
Physics ...	... Mr. W. Booth, M.A.
Chemistry ...	... Dr. C. J. H. Warden.
History ...	... Rev. J. Morrison, M.A.
Logic	... Rev. A. P. Begg, B.A.
Latin	... Mr. C. R Wilson, M.A.
Greek	... Mr. C. R. Wilson, M.A.
Sanskrit ...	... Babu Haraprasad Sastri, M.A. Babu Nrisinhachandra Mukerjee, M.A
Arabic and Persian	... Shams-ul-Ulama Shaik Muhammud Gilani. Shams-ul-Ulama Maulavi Ahmad.
Pali	... Mr. J Gray.
French ...	... Rev. V. de Campigneulles, S.J.
Bengali ...	... Babu Saradacharan Mitra, M.A.
Botany ...	... Dr. D. Prain.

B. A.

English ...	... Mr. A. E. Gough, M.A. Mr. M. J. White, M.A.

Philosophy	...	... Dr. G. Thibaut. Dr Mackichan.
History	...	... Mr. H. M. Percival, M A. Babu Asutosh Mukerjee, M A. (Senior).
Physics	...	... Mr. A. Macdonell, M.A.
Chemistry	...	... Dr. C. J. H. Warden.
Latin ...	...	... Mr. J. Mann, M A.
Sanskrit	...	... Babu Haraprasad Sastri, M.A. Babu Nirsinhachandra Mukerjee, M A.
Arabic and Persian		... Col. H. S. Jarrett. Shams-ul-Ulama Shaik Muhammud Gilani. Shams-ul-Ulama Maulavi Ahmad.
Botany	...	... Dr. D. Prain.
Physiology	...	... Mr. A. W. Alcock, M B.
Zoology	...	... Mr. A. W. Alcock, M.B.

M. A.

English	..	... Mr. A. E Gough, M.A. Mr. M. J. White, M.A.
Philosophy	...	... Dr. G. Thibaut. Dr. Mackichan
Mathematics	...	... Mr. W. Booth, M.A. Mr. G. W. Kuchler, M.A.
Physics	...	... Mr. W. Booth, M.A. Mr. A. Macdonell, M.A.
Chemistry	...	... Dr. C. J H. Warden. Mr. McMillan, F.C.S.
History	...	... Mr. H. M. Percival, M.A. Babu Asutosh Mukerjee, M.A. (Senior).
Sanskrit	...	... Mahamahopadhyay Chandrakanta Tarkalankar. Babu Krishnakamal Bhattacharyya, B.A.
Arabic and Persian		... Col. H. S. Jarrett. Shams-ul-Ulama Shaik Muhammud Gilani. Maulavi Abul Khair Muhammud Siddiq, M A.
Latin		Mr. H. M. Percival, M.A. Mr. J. Mann, M.A.

RESOLVED—

That the following rule be added to the Rules for Examinations in page 122 of the University Calendar for 1893, after Rule 7 under "(*b*) Setting papers :"—

"8. When two or more persons are appointed to set papers in any subject for the F. A., B. A., or M. A. examina-

tion, it shall be their *joint* duty to moderate the papers set by them in consultation with each other, and to see that the papers set by them conform to the conditions laid down by the University for such examination, and that the standard of questions set remains approximately uniform from year to year."

17. The undermentioned gentlemen were appointed a Board of Examiners for the B. L. examination of 1893 :—

The Hon'ble Dr. Rashbehary Ghose, *President, ex-officio.*
Gilbert S. Henderson, Esq., M.A.
Byomkesa Chakrabarti, Esq., M.A.
Babu Upendranath Mitra, M.A., B.L.
Babu Jogindranath Bhattacharyya, M.A., D.L.

18. Read a letter from the President of the Faculty of Engineering, appointing Mr. J. S. Slater to act for him in the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

19. Read a letter from the President of the Faculty of Arts nominating Mr. J. H. Gilliland to act for him in the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

20. Read a letter from Babu Biswambharnath Pandit, forwarding the manuscripts of the Tagore Law Lectures delivered by his late brother Babu Prannath Pandit, and offering his gratuitous services for the purpose of revising the proofs of the publication while passing through the press.

RESLOVED—

That the gratuitous services offered by Babu Biswambharnath Pandit for the purpose of revising the proofs of the Tagore Law Lectures delivered by the late Babu Prannath Pandit be accepted.

21. Read a letter from Srimatya Saruprani Debya, mother of the late Babu Prannath Pandit, stating that she has obtained a certificate from the Distict Judge of the 24-Pergannahs, empowering her to collect, among other debts, Rs. 5,681 from the University, being the balance of Babu Prannath Pandit's salary as Tagore Law Professor for 1890-91, and requesting that the amount may be paid

to her after deducting from it the proportionate cost for printing 250 additional copies of the lectures.

RESOLVED—

That the unpaid portion of the salary of the late Babu Prannath Pandit, as Tagore Law Professor for 1890-91, be paid to his mother Srimatya Saruprani Debya on production of the probate certificate.

22. Read a letter from the President of the Faculty of Medicine, intimating that subject to the sanction of the Syndicate, he has arranged with Dr. Browne to conduct the oral and practical portions of the M B. examination in Medicine, in place of Dr. Crombie who has left for England.

ORDERED—

To be recorded.

23. Read a letter from the President of the Faculty of Medicine, suggesting that Bachelors in Medicine should be allowed to proceed to the degree of Doctor in Medicine without being required to pass the B. A. examination, and that prior to their admission to the examination for the M. D. degree, they should be required to submit a *thesis* to be approved by the Faculty of Medicine.

RESOLVED—

That the matter be referred to the Faculty of Medicine for consideration.

24. Read a joint letter from Mr. C. B. Clarke and Sir Roper Lethbridge, proposing to revise the Geographical Reader and to expand the portions relating to Physical Geography, so as to cover the whole of the ground now required by the University Course.

RESLOVED—

That the Syndicate regret that they do not feel at liberty to accept the proposal.

25. Read a letter from the Principal, Berhampur College, forwarding a note by Babu Lalitkumar Banerji, Professor of English Literature in the above College, on the revised rules for the Premchand Roychand Studentship examination.

ORDERED—

To be recorded.

26. Read an endorsement from the Principal, Jagannath College, forwarding an application from Kasinath Ghosh, a candidate intending to appear at the next F. A. examination, and recommending that under the circumstances mentioned in the application, the deficiencies in the attendance of the candidate at lectures in Sanskrit, History and Logic may be overlooked.

RESOLVED—

That the Principal, Jagannath College, be informed that the Syndicate see no reason for relaxing the rules in favour of Kasinath Ghosh.

27. Read an application from Hari Shamrao Sathankar, a student who has passed the Previous examination of the Bombay University, and whom the Syndicate have allowed to appear at the B. A. examination, on condition that he satisfies the other requirements of this University, enquiring whether under the foot-note to para. 2 of the B. A. Regulations he will be eligible for admission to the examination as a teacher on production of the requisite certificate from the local Inspector of Schools, shewing that he has served as a *bonâ fide* teacher in an English school for two academical years after passing the Previous examination of the Bombay University.

RESOLVED—

That Hari Shamrao Sathankar be informed that the Syndicate see no reason for allowing him the benefit of the foot-note to para. 2 of the B. A. Regulations in addition to the concession already made in his favour.

28. Read the following letter from the Secretary and Treasurer, Bank of Bengal :—

No. 85-642.

"BANK OF BENGAL,

DEPOSITORS' DEPARTMENT ;

Calcutta, 15th April, 1893.

To

THE REGISTRAR, CALCUTTA UNIVERSITY,

SENATE HOUSE, CALCUTTA.

DEAR SIR,

I beg to advise the purchase of 4 per cent. Government Securities for Rs. 40,000 (as per enclosed memo.) agreeably with

instructions, Account Reserve Fund. The Securities are to be converted into stock as requested.

Yours faithfully,
(Sd.) H. F. FRESHWATER,
Secretary and Treasurer.

MEMO. OF PURCHASE.

Account—Registrar, Calcutta University.

	Rs.	As.	P.	Rs.	As.	P.	Rs	As.	P.
To Cost of—									
4 per cent. Government Securites, No 321487 of 1865	25,000	0	0						
,, 328919 of ,,	10,000	0	0						
,, 291936 of ,,	1,000	0	0						
,, 202789 of ,,	2,000								
,, 241716 & 291940 to 42 of 1865, at Rs 500	2,000	0	0						
				40,000	0	0			
Interest from 1st November, 1892, to 14th April, 1893, being 5 months and 13 days at 4 per cent ...	724	7	1						
Less—Income Tax at 5 pie per rupee	18	13	10						
				705	9	3			
Premium at Rs. 4·9 per cent.				1,825	0	0			
				42,530	9	3			
Less—Renewing Fees ...	...	...	...	3	0	0			
							42,527	9	3
To Commission at ¼ per cent.							106	5	1
Total Rs. ..	...	...	.	...	.	..	42,633	14	4

ORDERED—

To be recorded.

29. Read an application from the Principal, Jaffna College, countersigned by two members of the Senate, requesting that the Institution may be affiliated to the University in Arts up to the B. A. standard.

RESOLVED—

That the Secretary to the Government of India, in the Home Department, be requested to move His Excellency the Governor-General in Council to sanction the affiliation

of the Jaffna College to this University in Arts up to the B. A. standard.

30. Read the Proceedings of the Board of Studies in Mental and Moral Science, dated the 6th May.

RESOLVED—

(*i*). That in the list of text-books prescribed for the B. A. examination of 1895, Pass Course, for—

"James Sully ... Outlines of Psychology, 5th Edition, Chap. I—X."

the following be substitued :—

"James Sully ... Outlines of Psychology, New Edition, Revised and largely re-written, 1892, Parts I—III."

(*ii*). That in the list of text-books prescribed for the B. A. examination of 1895, Honour Course, for—

"James Sully ... Outlines of Psychology, 5th Edition,"

the following be substituted :—

"James Sully ... Outlines of Psychology, New Edition, Revised and largely re-written, 1892."

RESOLVED ALSO—

That the above change in the Course for the B. A. examination of 1895 be notified in the *Gazette*, and be also intimated to the Heads of Institutions affiliated up to the B. A. Standard.

(Confirmed)

JONES Q. PIGOT. W. GRIFFITHS.

Vice-Chancellor. *Registrar.*

ENTRANCE EXAMINATION, 1893.

Comparative Table shewing the number of Candidates sent up from each School or College, the number passed, the number failing to obtain the minimum marks allotted to each separate subject or the passing marks in the aggregate, and the percentage of successful candidates.

Names of Institutions.	Number of Candidates.	Passed in the				Failed in						Absent.	Expelled.	Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.			
Abaipur Ramsundar Institution ...	4	..	2	2		...	..	...	...	.	..	...	...	100·
Agarpara H. E. School ...	8	..	...	1	...	6	1	2	3	...	...	1	...	12·5
Agartala H. E. School ...	10	1	4	3	..	2	...	.	...	...	...	...	...	80·
Ajodhya H. E. School	1	...	...	..	.	1	...	.	..	...	...	...	...	Nil.
Akyab Government High School ...	12	...	1	1	...	9	1	1	6	4	.	...	...	16·66
Albert Collegiate School ...	34	8	12	4	..	7	2	...	4	...	..	...	...	70·58
Ambala Mission High School ...	1	..	...	..	..	1	...	..	1	.	...	...	..	Nil.
Amritsar A. V. Hindu High School ..	6	...	.	...		6	2	...	6	...	...	..	...	Nil.
Amritsar C. M. High School ...	2	1	...	1	..	...	...	...	.	...	.	...	..	100·
Amritsar M. B. School ...	2	.	2	.	...	..	.	...	...	...	.	...	...	100·
Amritsar M. A. O. School ...	3	...	1	...	...	2	1	...	2	...	...	.	...	33·33
Amritsar Panjabi High School ...	2	...	...	...	...	...	...	.	2	...	...	..	.	Nil.
Amta H. E. School ...	9	2	3	1	..	1	1	1	2	..	.		..	66·66
Andul K. K. Jubilee School ...	5	.	...	.	.	5	...	...	3	.	...	...	...	Nil.
Andul H. C. E. School ...	9	...	2	3	.	4	...		1	...	...	...	...	55·55
Araria High School ..	1	...	..	...	...	1	..	...	1	...	...	...	...	Nil.
Arbalia J. V. School ...	1	...	...	.	..	1	...	.	1	.	...	.	...	Nil
Ariadaha H. E. School ...	6	1	1	3	..	...	...	...	1	...	.	...	...	83·33
Arkandi H. E. School ...	4	...	.	...	.	3	..		2	...	1	.	.	Nil.
Armenian Collegiate School ...	4	.	1	1		1	1	..	2	.	...	...	..	50
Arrah K. J. Academy ...	5	1	2	1		..	...	1	1	1	..	.		80
Arrah Town School .	6	...	3	2	...	1	...	...	..	1	...	...	.	83·33
Arrah Zila School ...	28	..	11	9	..	7	1	...	1	3	...	...	...	71 42
Aryan Institution, Calcutta ...	22	5	4	2	..	10	2	...	8	.	...	..	...	50
Aryya Mission Institution ...	10	1	8	1		...	...	...	...	...	...	...		100·
Azimganj B. P. K. J School ...	3	1	2	...		..	.		..	...	...	.	...	100·
Babulia J. S. H. E. School ...	6	.	2	4		.	...	...	...	..		.	...	100·
Badalpur Estate School ...	4	...	...	...	...	4	2	4	3		...	...	...	Nil.
Carried over ...	208	21	61	39		72	14	9	50	9	1	1	...	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ..	208	21	61	39	...	72	14	9	50	9	1	1	...	...
Badla H. E. School ...	4	..	2	1	...	1	...	...	...	...	..	..	..	75'
Baduria L. M S. School ...	5	...	1	1	...	3	2	2	2	...	...	...	..	40'
Bagati H. E. School ...	2	1	...	1	.	...	...	..	.	...	.	...	..	100'
Bagbazar Model School ...	10	2	6	1	...	1	.	...	1	...	.	...	..	90'
Bagirhat H. C. E. School ...	8	2	1	.	...	5	...	2	1	...	...	...	..	37'5
Bagnan H. E. School ..	5	1	1	2	...	1	...	...	1	..	...	.	.	80'
Baharu H. E. School ..	6	3	3	...	...	...	.	..	...	...	...	..	..	100'
Baidyabati English School ...	3	.	...	2	...	1	...	...	...	...	...	...	...	66·66
Bajrajogini H. E. School ...	7	3	4	.	...	..	...	...	...	...	...	.	...	100'
Balagarh H. C. E. School ...	8	3	4	1	.	...	..	...	...	...	...	..	..	100'
Balasore Zila School ...	17	4	12	...	...	1	...	...	...	...	...	...	...	94·11
Bali Rivers Thompson School ...	15	3	5	2	..	4	.	2	1	...	1	...	...	66·66
Baluti H. E. School ...	5	.	1	...	...	3	2	1	4	...	...	...	.	20'
Bandgora H. E. School ..	6	...	5	...	...	...	...	...	1	...	...	...	...	83·33
Bandipur H. E. School ...	12	1	3	...	...	8	2	3	4	.	...	.	...	33·33
Bangabasi Collegiate School ...	22	4	9	2	...	4	2	1	1	6	...	.	...	68·18
Bankipur Kayastha Pathsala ...	15	.	...	3	..	11	6	4	7	4	..		...	20'
Bankipur T. K. Ghosh's Academy ...	77	9	14	8	...	42	13	3	26	1	1	...	..	40·25
Bankura Zila School ...	17	5	4	1	...	7	2	...	2	...	...	...	...	58·82
Banoripara Union Institution ...	7	1	5	...	..	1	..		1	...	...	.	...	85·71
Bantra H. C. E. School ...	5	1	2	2	..	..	...	...	...	...	...	...	...	100'
Banwaribad H. E. School ...	9	.	5	1	..	3	...	...	...	..	...	...	...	66·66
Barahanagar Victoria School ...	14	3	5	5	.	1	.	..	...	...	...	...	...	92·85
Barajaguli H. E. School ...	3	.	3	..	...	...	...	...	.	..	..	..	...	100'
Barari Rai Harimohan Thakur Bahadur Free School ...	9	...	2	1	...	5	2	.	5	...	...	...	..	33·33
Barasat Government School ...	15	5	2	1	...	6	.	...	1	..	...	...	...	53·33
Barh Bayley Aided H. E. School ...	2	.	..	1	...	1	1	...	1	...	...	...	...	50
Baripur H. C. E. School ...	4	.	2	1	...	1	...	1		...	..	..	..	75'
Barisa H. C. E. School ...	6	..	1	2	...	1	..	..	1	...	..	1	...	50'
Barisal B. M. Institution ...	40	18	17	2	...	1	1	.	1	...	...	1	.	92·5
Barisal Raj Chandra Collegiate School	34	1	16	5	.	7	...	1	9	..	..	...	...	64.70
Barisal Zila School ...	43	12	18	3	...	3	...	...	8	.	...	1	...	76·74
Barpeta High School ..	4	.		2	..	1	1	1	2	...	...	...	.	50'
Barrackpur Government School .	8	2	3	..		1	...	1	2	...	.	...	...	62·5
Basirhat Municipal H. E. School ...	3	1	2	...	.	...	...	...	...	...	...	...	...	100'
Bassein High School ...	8	...	2	1	.	5	1	...	2	8	..	...	...	37·5
Batala Baring High School ...	4	.	1	1	...	2	...	..	1	.	...	...	.	50'
Carried over ..	670	106	222	92	.	203	49	31	135	28	3	4	...	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	670	106	222	92	...	203	49	31	135	28	3	4	...	...
Bazitpur H. E. School ...	6	...	1	...	...	3	...	1	5	...	...	...	.	16·66
Begusarai K. A. H. E. School ...	1	...	...	...	...	...	...	...	1	...	...	...	...	Nil.
Behala H. C. E. School ...	6	2	3	1	...	...	...	...	...	...	...	...	...	100·
Behar H. C. E. School ...	14	1	7	2	...	2	...	.	4	...	...	...	...	71·42
Behar National Collegiate School ...	15	...	1	1	...	10	4	2	9	1	...	...	...	13·33
Beldanga H. E. School ...	3	1	..	..	...	1	...	...	1	..	...	...	.	33·33
Berhampur Collegiate School ...	19	7	8	1	..	1	1	1	1	...	..	.	...	84·21
Berhampur Hindu Academy ...	10	2	1	1	...	6	2	3	3	1	...	...	...	40·
Bethune Collegiate School ...	3	1	1	...	..	...	...	.	1	.	...	...	...	66·66
Bezbarua High School, Golaghat ...	4	...	4	...	...	...	..	.	...	.	...	...	...	100
Bezbarua High School, Sibsagar ...	6	.	1	1	..	2	2	1	2	...	...	1	...	33·33
Bhadrak High School ...	5	...	2	2	...	1	1	.	1	...	...	...	...	80·
Bhagalpur C. M. S. High School ...	5	...	...	2	...	3	...	...	1	1	...	.	...	40·
Bhagalpur Madrasa ...	10	...	3	1	..	6	1	...	5	...	..	...	...	40·
Bhagalpur T. N. Jubilee Coll. School ...	17	3	7	2	.	3	1	1	1	2	1	..	...	70·58
Bhagalpur Zila School ...	23	3	8	5	...	5	...	1	2	..	...	...	...	69·56
Bhagyakul H. C. E. School ...	4	2	2	...	...	...	..	...	...	...	...	...	..	100·
Bhera High School ...	1	..	...	...	...	1	1	...	1	...	...	...	...	Nil.
Bhoita H. E. School ...	3	1	1	1	...	.	...	...	...	...	...	...	...	100·
Bhola H. E. School ...	3	...	1	2	...	...	...	..	...	..	.	...	...	100·
Birbhum School ...	17	5	11	1	...	...	.	..	...	1	...	...	...	100·
Bishnupur H. E. School ...	1	...	1	..	...	..	...	.	..	...	...	...	...	100·
Bishenpur H. E. School ...	8	1	4	1	...	2	1	...	1	...	...	...	...	75·
Bishop's College School ...	5	...	4	.	.	1	..	...	...	...	...	...	...	80·
Bishop Cotton School, Simla ...	16	6	5	2	1	...	1	2	...	7	...	1	..	81·25
Bogra Zila School ..	8	2	5	1	1	.	...	...	...	...	...	...	...	100·
Boinchi B. L. Institution ...	7	1	5	..	..	1	...	...	...	...	...	...	...	85·71
Bongong H. E. School ...	2	1	1	...	..	...	..	...	...	.	...	...	...	100·
Boral H. C. E. School ...	5	...	2	...	..	3	...	...	1	..	...	...	...	40·
Brahma Balika Sikshyalaya ...	1	...	...	...	...	...	...	...	1	...	...	...	...	Nil.
Brahmanbaria Annada H. E. School ...	16	3	6	2	...	3	...	...	5	..	...	...	...	68·75
Burdwan Albert Victor Institution ...	45	1	2	5	...	36	14	13	25	4	...	...	...	17·77
Burdwan Municipal School ...	17	3	9	2	..	2	..	1	1	1	...	...	...	82·35
Burdwan Raj Collegiate School ...	52	7	19	8	...	15	4	2	9	6	...	1	1	65.38
Buxar H. E. School ...	5	..	2	2	.	1	...	...	1	...	...	...	...	80·
Calcutta Boys' School ...	7	3	3	.	.	...	...	...	1	.	...	...	.	85·71
Calcutta Institution ...	30	5	9	7	...	6	1	4	4	1	1	.	.	70·
Carried over ...	1070	167	361	145	2	317	83	63	222	53	5	7	1	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in								Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	1070	167	361	145	2	317	83	63	222	53	5	7	1	...
Calcutta Madrasa ...	42	9	13	4	...	16	2	1	7	...	...	...	...	61·90
Calcutta Training Academy ...	35	1	3	4	...	24	15	16	16	...	...	1	...	22·55
Catwa H. E. School ...	8	2	4	1	...	1	...	...	...	...	...	...	...	87·5
Century School ...	12	2	8	..	...	1	...	...	..	1	1	...	...	83·33
Chakdighi Saradaprassad Institution ...	7	5	2	...	.	...	...	...	...	..	...	...	...	100·
Chanchal Siddheswari Institution ...	7	4	2	1	...	...	...	...	...	..	...	...	...	100·
Chandernagar School ...	3	...	...	...	...	3	1	2	2	...	...	...	...	Nil.
Chandpur Hasan Ali Jubilee School ...	12	2	4	1	...	2	...	1	5	.	.	...	...	58·33
Chandrakona Jirat H. E. School ...	7	1	3	2	.	1	...	...	...	.	...	...	...	85·71
Chapra Institution ...	4	...	3	...	...	...	1	...	..	2	...	...	...	75·
Chapra Zila School ...	35	7	9	11	..	4	1	2	4	...	...	...	...	77·14
Chatmohar Sambhunath H. E. School	8	3	4	...	...	1	...	...	.	...	...	...	...	87·5
Chatra H. C. E. School ...	13	3	3	3	...	3	..	2	1	...	.	...	...	69·23
Chittagong Collegiate School ...	27	6	8	3	...	9	.	...	2	5	..	...	...	62·96
Chittagong H. E. School ...	13	3	2	2	.	5	1	1	3	...	...	...	...	53·84
Chittagong Municipal School ...	13	2	4	1	...	6	2	...	2	...	...	...	...	53·84
Chittagong National Institution ...	8	1	4	3	..	...	...	...	...	1	..	...	...	100·
Choa High School ...	2	...	...	1	..	1	..	1	...	...	...	...	...	50·
Christ Church School ...	2	...	..	2	..	...	...	..	...	1	...	...	...	100·
Chuadanga Victoria Jubilee School ...	5	...	2	2	...	1	...	...	...	...	...	...	...	80·
Chybassa Zila School ...	5	...	3	1	...	1	...	1	...	...	...	...	...	80·
City Collegiate School ...	40	11	10	7	...	10	...	1	6	1	...	...	...	70·
City Coll. School, Mymensingh Branch	18	7	5	2	...	1	...	...	3	1	...	..	...	77·77
City Collegiate School, S. Branch ...	12	2	6	4	..	...	...	...	...	..	...	...	...	100·
C. M. S. Boarding School ...	5	1	2	1	..	1	..	...	...	...	...	...	...	80·
Commillah Victoria School ...	15	3	5	4	...	...	1	...	3	3	...	...	...	80·
Commillah Zila School ...	22	2	16	..	...	1	1	1	3	1	..	...	...	81·81
Contai H. C. E. School ...	7	1	4	1	...	...	...	1	1	...	...	...	...	85·71
Cotton Institution ...	3	1	1	1	...	...	...	...	...	...	...	...	...	100.
Dacca Collegiate School ...	54	20	23	5	...	2	...	...	4	2	...	1	...	88·88
Dacca Eden Female School ...	2	..	1	...	...	1	...	...	...	...	...	...	...	50·
Dacca Jubilee School ...	95	15	38	20	1	5	1	2	20	4	..	...	...	76·84
Dacca Madrasa ...	7	4	...	1	...	1	...	...	1	...	...	...	...	71·42
Dacca Pogose School ...	98	10	32	17	..	21	14	11	31	3	1	...	...	60·2
Daihat H. E. School ...	7	2	2	1	..	2	..	...	...	3	...	...	..	71·42
Darbar School, Nepal ...	3	...	2	...	...	1	...	...	...	...	...	...	...	66·66
Darbhanga Dalton Institution ...	24	...	1	3	...	15	11	9	16	...	2	...	...	16.66
Carried over ...	1750	297	590	254	3	457	134	114	352	81	9	9	1	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	1750	297	590	254	3	457	134	114	352	81	9	9	1	...
Darbhanga Raj School ...	15	1	7	...	...	5	...	1	4	3	...	...	...	53·33
Darjeeling Zila and Bhutea School ...	1	...	1	...	...	...	...	...	...	...	...	...	...	100·
Dasghara H. E. School ...	3	1	...	...	...	1	1	...	...	...	...	...	...	33·33
Daulatpur H. E. School ...	9	2	2	2	...	2	...	...	2	...	...	...	...	66.66
Debrugarh High School ...	5	3	2	...	...	...	...	...	...	...	...	...	...	100·
Delhi A. S. V. J. School ...	1	...	1	...	...	...	...	...	...	...	...	...	...	100·
Deogarh H. C. E. School ...	3	1	1	1	...	...	...	...	...	...	...	...	...	100·
Dera Ismail Khan Victoria Bhratri High School	4	...	1	...	...	2	1	3	...	...	...	...	...	25·
Dhankuria H. C. E. School ...	5	3	1	1	...	...	...	...	...	...	...	...	...	100·
Dhubri High School	12	1	7	1	...	...	...	1	2	...	...	...	...	75·
Diamond Harbour H. C. E. School ...	5	...	3	2	...	...	...	...	...	...	...	...	...	100·
Dighapatiya H. C. E. School ...	8	2	2	2	...	2	...	...	...	...	...	...	...	75·
Dinajpur Zila School	8	5	2	1	...	...	...	...	...	...	...	...	...	100·
Dinapur Aided School	3	...	...	...	...	1	1	3	2	...	...	...	...	Nil
Dinhatta H. C. E. School ...	7	...	1	...	...	5	2	...	6	...	...	...	...	14·28
Doveton College	13	3	6	1	...	1	...	1	3	1	...	...	...	76·92
Doveton Institution	4	...	2	...	...	...	1	...	1	...	...	...	...	50·
Dumka Zila School	4	1	1	...	...	1	...	2	1	...	...	...	...	50·
Dumraon Maharajah's School ...	5	...	...	2	...	...	...	2	...	...	1	...	...	40·
Faridpur Hindu Institution ...	6	1	1	...	...	1	...	...	4	...	...	...	...	33·33
Faridpur Zila School ...	21	13	8	...	...	...	...	...	...	...	...	...	...	100·
F. C. Institution, Chinsurah ...	26	2	8	7	...	7	2	3	9	1	...	...	...	65·38
F. C. of Scotland's Institution and Duff College	27	2	10	7	...	7	1	...	3	1	...	...	...	70·37
F. C. Normal School	2	...	1	...	...	...	...	...	1	...	...	...	...	50·
Feni H. C. E. School ...	8	2	1	...	...	4	...	...	4	...	...	...	...	37·5
Ferozepur M. B. High School ...	1	...	1	...	...	...	...	...	...	...	...	...	...	100·
Gaibandha H. C. E School ...	7	...	3	...	...	1	...	...	3	...	...	...	...	42·85
Galle Girls' High School	1	...	1	...	...	...	...	...	...	...	...	...	...	100·
Garbeta H. C. E. School ...	5	1	1	1	...	1	...	...	1	...	...	...	...	60·
Gar Bhabanipur H. C. E. School ...	3	...	3	...	...	...	...	...	...	...	...	...	...	100·
Garden Reach C. M. S. School ...	12	...	1	5	...	5	1	2	3	...	1	...	...	50·
Gauhati High School	11	1	4	2	...	4	...	...	1	...	...	...	...	63·63
Gaya Sahebganj School	24	2	7	2	...	10	2	1	7	...	1	...	...	45·83
Gaya Zila School	30	5	14	5	...	2	2	3	1	3	...	...	...	80·
General Assembly's Institution ...	48	3	18	12	...	7	3	6	9	3	...	...	...	68·75
Ghatal Municipal School	7	2	...	...	...	2	1	...	5	...	...	...	...	28·57
Carried over ...	2104	354	712	306	3	528	152	142	424	93	12	9	1	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	2104	354	712	306	3	528	152	142	424	93	12	9	1	...
Giridhi H. E. School ...	5	...	...	3	...	2	...	-	1	...	...	..	...	60·
Goalando High School ...	5	..	2	2	...	1	..	1	...	..	..	..	...	80·
Gobardanga H. E. School ...	3	2	..	..	...	...	...	...	1	...	...	..	...	66·66
Gosain Durgapur High English School...	3	1	2	.	...	...	..	...	...	...	...	..	..	100·
Gujrat Scotch Mission High School ...	3	...	1	...	...	2	..	...	...	...	...	...	...	33·33
Guptipara H. E. School ...	3	.	1	..	..	2	..	.	1	...	...	...	...	33·33
Gusthia K. N. H. E. School ..	5	...	2	...	.	2	2	1	3	...	...	...	...	40·
Habiganj High School ...	15	3	5	.	..	5	2	1	6	1	...	...	...	53·33
Halisahar H. C. E. School ...	17	2	7	3	..	2	2	3	2	...	...	..	...	70·58
Hare School ...	49	16	14	13	2	2	..	3	3	...	1	...	...	87 75
Hari Narayanpur H. E. School ...	5	...	4	.	...	1	...	...	...	1	...	...	...	800·
Harinavi A. S. School ...	9	3	5	1	..	...	...	...	...	...	..	..	...	100
Hashara Kali Kisor H. E. School ...	4	...	1	2	..	1	...	...	...	...	...	...	...	75·
Hatuganj M. N. K. School ...	3	...	1	1	...	...	...	...	1	.	...	...	...	66·66
Hazaribagh Zila School ...	12	...	7	1	...	3	1	1	3	1	...	...	...	66·66
Hindu School ...	40	18	17	5	..	...	...	...	...	1	...	..	...	100.
Hitampur H. E. School ...	7	1	5	...	...	1	...	...	...	...	...	...	...	85·71
Hoshangabad Government High School	10	1	6	3	...	...	...	...	...	2	...	..	..	100·
Howrah Bible H. C. E. School ...	10	1	2	4	...	3	...	1	2	..	..	..	..	70·
Howrah Municipal School ...	10	3	3	2	...	1	...	...	...	...	1	...	...	80·
Hughli Branch School ...	20	5	13	...	...	...	...	2	1	...	...	...	...	90·
Hughli Collegiate School ...	48	23	19	2	...	1	...	1	3	3	...	1	..	91·66
Hutwa Eden School ...	9	...	8	1	...	...	...	...	...	2	...	...	...	100·
Ilsoba Mondlye School ...	2	1	1	...	...	..	...	...	...	...	...	...	...	100·
Indore Canadian Mission Coll. School...	9	...	2	1	...	4	1	1	4	3	...	...	-	33·33
Indore English Madrasa ...	18	3	7	4	...	1	...	...	3	...	...	-	...	77·77
Indore Residency School ...	3	...	1	1	...	...	...	1	.	-	...	...	...	66·66
Indore Military High School ...	4	...	1	1	...	2	1	1	2	...	...	...	...	50·
Islampur H. E. School ...	10	..	1	...	...	9	2	3	2	...	.	...	...	10·
Jabalpur Collegiate School ...	68	10	27	12	1	15	5	1	15	5	.	...	...	72·05
Jabalpur Hitakarini Sabha High School	12	1	1	4	..	5	3	...	4	5	...	...	...	50·
Jaffna College ...	29	11	12	3	...	1	...	1	...	3	...	1	...	89·65
Jagatballabhpur H. C. E. School ...	5	...	...	1	..	3	1	1	1	...	...	...	...	20·
Jahanabad H. E. School ...	9	1	3	2	...	3	...	...	1	...	..	...	...	66·66
Jajpur H. E. School ...	3	1	...	2	...	...	..	...	...	...	...	...	...	100·
Jalpaiguri Zila School ...	8	1	4	2	...	1	...	1	...	...	...	...	...	87·5
Jamalpur Donough School ...	6	1	2	.	...	2	...	...	3	...	...	...	...	50·
Jamalpur H. C. E. School ...	19	3	8	4	...	4	1	2	4	.	...	...	...	78·94
Carried over ...	2604	466	907	386	6	607	173	168	490	120	14	11	1	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	2604	466	907	386	6	607	173	168	490	120	14	11	1	...
Janai Training School ...	8	1	3	2	—	1	...	1	1	...	..	..	...	75·
Jangipur H. E. School ...	22	2	3	7	...	9	2	..	3	...	..	..	..	54·54
Jara H. E. School ...	11	2	5	1	..	3	..	..	2	...	..	..	...	72·72
Jaynagar Institution ...	9	3	2	..	...	4	...	...	..	...	..	..	...	55·55
Jenkin's School, Cooch-Behar ...	32	7	14	5	...	4	1	...	3	...	..	..	...	81 25
Jessore Sammilani Institution ...	20	...	3	3	...	11	5	2	10	6	1	...	...	30·
Jessore Zila School ...	13	3	2	3	..	5	2	1	3	...	..	..	...	61·53
Jhenidah H. C. E School ...	3	...	...	1	..	2	1	2	2	...	..	..	.	33·33
Jhikra H. C. E. School ...	8	1	...	1	.	5	2	1	1	...	..	..	..	25
Jorhat High School ...	10	...	2	1	1	5	3	..	4	5	...	..	...	30·
Jummoo High School ...	2	...	...	...	...	2	...	...	1	...	...	..	..	Nil.
Kagram H. E. School ...	4	2	1	..	...	...	..	...	1	...	...	...	...	75·
Kalaskati H. E. School ...	5	...	...	1	...	1	..	..	3	..	...	...	...	20·
Kalia H. E. School ...	24	3	6	3	..	8	4	2	11	...	...	...	.	50·
Kaliganj H. E. School ...	5	..	2	...	..	..	...	...	2	.	...	1	...	40·
Kalighat H. E. School ...	14	3	4	2	...	3	...	...	2	...	...	...	...	64·28
Kalna Maharaja's School ...	13	3	5	1	...	4	1	...	3	..	...	...	..	69·23
Kampti St. Joseph's Convent School ...	3	...	1	1	...	...	1	..	1	3	...	...	...	66 66
Kandi School ...	25	3	5	3	...	13	2	...	4	...	1	...	...	44·
Kandy Bhuddhist High School ...	1	...	...	...	..	...	...	1	...	...	...	...	..	Nil.
Kandy Boys' High School ...	2	..	...	...	...	..	...	2	1	...	...	...	...	Nil.
Katak Mission English School ...	5	...	1	3	...	...	..	1	.	..	...	...	...	80
Katak Piyarimohan Academy ...	11	...	5	1	...	4	...	..	2	...	...	...	..	54·54
Kendrapara H. E. School ...	4	1	1	1	...	1	...	...	...	...	...	...	..	75·
Kesab Academy ...	26	3	2	6	...	14	4	3	10	3	1	...	...	42·3
Khagra L. M. S. School ...	20	4	8	4	..	4	...	1	...	..	...	...	...	80·
Khararia High School ...	10	5	1	3	...	1	..	...	1	...	...	...	...	90·
Khulna Zila School ...	13	4	4	4	...	1	...	...	...	...	..	...	...	92·3
Kisorganj H. E. School ...	9	2	4	3	...	...	...	...	...	...	...	..	..	100·
Konnagar H. C. E School ...	13	3	3	2	...	5	...	1	..	...	...	...	...	61·53
Kotalpur H. E. School ...	11	...	2	1	..	6	2	1	7	...	...	...	...	27 27
Krishnagar A. V. School ...	7	1	3	2	...	1	...	...	...	...	...	...	..	85·71
Krishnagar Collegiate School ...	31	8	13	2	.	5	.	..	3	6	.	...	1	74·19
Kuchiakole Radhaballabh's Institution	15	2	4	2	...	6	...	...	1	...	...	...	..	53·33
Kuch Kuchia High School ...	12	...	1	2	.	8	...	..	4	1	...	...	...	25·
Kumarkhali Mathuranath H. E. School	6	4	1	...	..	..	...	...	1	...	...	..	..	83·33
Kusthia H. E. School ...	10	2	7	1	...	...	...	..	...	...	...	...	...	100·
Kyekala H. C. E. School ...	6	...	1	1	...	2	1	...	2	...	...	1	...	33·33
Carried over ...	3047	538	1026	459	7	745	204	187	579	144	17	13	2	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	3047	538	1026	459	7	745	204	187	579	144	17	13	2	...
Lahore Central Model School ...	15	4	3	1	...	2	...	...	6	1	...	1	.	53·33
Lahore Lady Dufferin C. G. School ...	3	...	2	...	...	1	...	1	1	...	...	...	..	66·6
Lakshmanath H. E. School ...	4	...	3	1		...	...	..	..	...	...	..	...	100·
Lakshmipur H. E. School ...	3	1	1	...	...	...	1	.	...	...	...	..	.	66·6
Lalgola Victoria Jubilee School ...	6	2	3	1	...	...	...	...	...	...	...	.	...	100·
La Martinière College ...	10	5	4	...	2	...	..	1	1	...	.	...	...	90·
La Martinière for Girls ...	4	4	...	...	1	...	...	...	...	...	...	...	...	100·
Lauhajang H. C. E. School ...	4	1	1	2	..	...	...	...	...	...	...	...	..	100·
Lauhajang High School ...	4	3	...	1	...	...	...	...	...	...	...	...	...	100·
L. M. S. Institution, Bhowanipur ...	42	4	11	9	...	17	4	...	10	...	...	...	.	57·14
Loretto House, Calcutta ...	2	2	..	..	..	...	...	...	..	..	..	...	...	100·
Ludhiana C. B. B. School ...	5	1	1	...	...	3	...	...	3	1	...	...	.	40·
Madaripur H. C. E. School ...	11	1	3	2	.	5	...	1	4	...	...	...	...	54·54
Magura H. E. School ...	12	1	5	4	...	2	..	1	1	2	..	...	...	83·3
Mahanad F. C. Mission School ...	5	...	4	...	...	..	1	..	1	.	...	...	..	80·
Mahespur H. E. School ...	4	...	.	...	...	4	2	1	3	...	...	...	...	Nil·
Mahestala H. E. School ...	5	...	3	1	..	1	1	...	1	...	...	...	..	80·
Mahisadal Raj H. E School ...	6	3	1	2	...	...	...	...	...	...	...	...	..	100·
Majdia Rail Bazar H. E. School ...	6	1	3	..	...	2	...	1	1	...	..	...	...	66·6
Maju R. N. Bose's School ...	6	.	3	...	..	3	1	...	3	.	...	...	...	50·
Maldah Zila School ...	10	1	7	1	...	1	...	...	...	...	...	...	...	90·
Malkhanagar H. E. School ...	13	...	3	4	...	4	...	2	6	...	...	...	...	53·84
Manikganj H. C. E. School ...	5	2	1	..	..	...	1	...	2	...	...	...	...	60·
Mankar H. C. E. School ...	5	...	3	...	...	2	...	...	...	...	...	...	...	60·
Matabhanga H. C. E. School ...	3		...	3	...	...	...	...	...	...	...	...	...	100·
Matihari Zila School ...	13	...	5	2	.	4	2	1	1	...	...	...	...	53·84
Maulmein Government School ...	6	1	2	1	..	3	...	...	1	4	...	..	...	50·
Maurbhanj H. E. School ...	3	...	2	...	...	1	.	...	...	1	...	...	...	66·6
Meherpur H. E. School ...	4	3	1	...	.	..	...	..	...	1	...	...	...	100·
Meckliganj H. C. E. School ...	3	...	...	1	..	2	..	..	2	1	...	...	...	33·33
Metropolitan Institution ...	92	20	31	17	...	11	4	2	18	...	1	1	.	73·91
Metropolitan Instn., Balakhana Branch	22	3	6	6	...	5	2	4	5	3	...	1	..	68·09
Metropolitan Instn., Barabazar Branch	13	3	8	...	..	1	1	1	1	...	1	.	...	84·61
Metropolitan Instn., Bow Bazar Branch	31	4	6	5	.	9	5	8	13	...	1	...	...	48·38
Metropolitan Instn., S. Branch ...	27	3	8	5	...	10	2	3	9	...	...	...	...	59·25
Midnapur Collegiate School ...	25	7	15	3	...	...	...	...	...	...	...	...	...	100·
Midnapur L. M. School ...	11	1	4	2	...	3	..	1	2	...	...	...	...	63·63
Midnapur Town School ...	18	2	6	2	1	6	2	3	7	...	1	...	...	55·5
Carried over ...	3508	621	1185	534	11	847	233	218	681	158	21	16	2	...

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		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	3508	1	621	1185	534	11	847	233	218	681	158	21	16	2	...
Miss O'Brien's Day School ...	2	1	...	...	...	...	...	1	...	...	...	...	...	...	50·
Mogalpura High School ...	6	...	...	1	...	...	4	4	3	5	...	...	...	...	16·6·
Monghyr K. P. Institution ...	10	1	3	2	...	...	4	2	1	4	.	...	...	...	60·
Monghyr Victoria Jubilee School ...	17	...	5	...	...	...	11	6	5	11	...	...	...	...	29·41
Monghyr Zila School ...	15	...	11	3	...	...	...	...	1	...	...	...	...	...	93·3
Mozufferpur Mukerjee's Semy. ...	41	1	7	4	...	...	22	11	12	19	...	...	...	..	29·26
Mozufferpur Society's Aided School ...	21	...	4	7	...	...	10	1	2	7	...	...	...	..	52·38
Mozufferpur Zila School ...	13	.	4	6	...	...	1	1	1	2	...	...	...	...	76·92
Mugkalyan H. C. E. School ...	8	...	1	1	..	...	4	1	1	6	...	...	...	.	25·
Multan C. M. High School ...	3	1	...	...	..	...	1	...	...	1	1	...	...	...	33·33
Munsiganj H. E. School ...	13	2	7	1	1	...	1	1	..	3	...	...	...	..	76·92
Muragachha H. C. E. School ...	7	.	4	...	...	...	2	1	1	2	...	...	...	..	57·14
Mussoorie School ...	6	2	2	...	.	...	...	...	...	...	...	...	2	...	66·6
Mymensingh Zila School ...	28	9	9	4	.	...	2	...	..	5	...	...	...	...	78·57
Nabadwip Hindu School ...	18	4	6	3	...	...	5	...	...	1	...	...	...	...	72·2
Nagpur Bishop's School ...	3	1	...	...	...	...	...	...	2	...	...	...	...	...	33·33
Nagpur City School ...	65	6	32	10	1	...	16	...	2	3	15	...	...	.	73·84
Nagpur F. C. Institution ...	62	10	18	12	4	...	18	2	5	2	9	...	...	...	64·51
Nagpur High School ...	26	2	9	3	2	...	10	1	...	6	6	...	...	...	53·84
Nagpur St. Francis De Sale's School ...	13	2	2	2	...	...	2	...	7	3	...	...	...	...	46·15
Naihati Mahendra School ...	3	1	...	1	...	...	1	...	...	...	...	...	...	...	66·6
Naini Tal Boys' High School ...	2	...	..	1	...	...	...	...	1	..	..	..	..	...	50·
Naini Tal Diocesan Girls' School ...	1	1	...	..	1	...	...	...	...	...	.	...	...	...	100·
Naldanga Bhushan School ...	3	..	1	...	...	...	2	...	1	1	...	..	...	...	33·33
Naogaon Krishnadhan School ...	3	1	2	.	...	...	...	...	...	...	...	...	...	...	100·
Naral Victoria Collegiate School ...	29	8	9	7	...	...	5	...	1	2	1	...	...	..	82·75
Narayanganj H. E. School ...	7	4	2	1	.	...	...	...	...	...	...	...	...	...	100·
Narit H. C. E. School ...	7	...	1	3	...	...	2	...	...	1	...	1	.	...	57·14
Nattore Municipal High School ...	3	...	2	1	...	...	..	..	1	...	.	...	..	...	100·
Nawab Abdul Gany's Free Schl., Dacca ...	8	...	2	3	1	...	.	.	1	3	1	..	1	...	62·5
Nawabganj Sridhar Bansidhar School...	6	2	...	1	..	...	3	...	...	2	...	...	...	...	50·
Nawab's High School, Mursidabad ...	13	5	7	1	...	...	...	...	...	...	1	...	...	...	100·
Netrokona Dutt High School ...	3	1	1	...	...	...	...	...	.	1	...	...	...	...	66·6
New Indian School ...	113	10	27	18	1	...	46	13	18	38	3	3	2	...	48·67
Nibodhia H. E. School ...	8	...	4	1	...	...	3	...	...	2	...	...	...	...	62·5
Nilphamari H. E. School ...	2	1	1	...	...	...	...	.	.	...	...	...	...	.	100·
Nimta H. E. School ...	3	...	...	...	...	...	3	2	.	3	...	...	...	...	Nil.
Noakhali Rajkumar Jubilee School ...	11	4	2	1	...	...	1	...	...	3	..	...	...	...	63·63
Carried over ...	4110	701	1370	632	22	1026	280	283	817	195	25	21	2	...	...

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		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.			
Brought forward ...	4110	701	1370	632	22	1026	280	283	817	195	25	21	2	...
Noakhali Zila School ...	20	4	13	1	...	1	...	...	1	...	...	...	...	90·
Northbrook School, Calcutta ...	4	...	...	...	...	3	1	1	3	...	...	...	...	Nil.
Northbrook School, Durbhanga ...	9	1	1	4	...	2	1	1	...	...	...	...	...	66·66
Nowgong High School ...	9	1	7	1	1	...	...	...	...	3	...	...	...	100·
Oriental Seminary ...	25	6	3	9	2	5	1	1	4	...	...	...	...	72·
Pabna Zila School ...	26	9	13	2	...	2	...	...	2	2	...	...	...	92·3
Pakur H. E. School ...	8	...	8	...	...	...	...	...	...	...	...	...	...	100·
Palamow Govt. School ...	3	...	2	...	...	...	...	1	...	...	...	...	...	66·6
Pandra H. E. School ...	6	1	4	1	...	...	...	...	...	...	...	...	...	100·6
Parjana M. N. School ...	5	1	4	...	...	...	...	...	...	...	...	...	...	100·
Patiala, Coll. High School ...	2	...	1	...	...	...	...	...	1	...	...	...	...	50·
Patiya H. E. School ...	13	...	4	2	...	6	5	2	5	...	...	...	...	46·15
Patna City School ...	13	...	5	1	...	6	...	1	2	...	1	...	...	46 15
Patna Collegiate School ...	40	7	26	2	...	3	...	...	...	21	...	2	...	87·5
Patna M. A. A. School ...	14	1	4	3	...	5	...	...	2	...	...	...	...	57·14
Patuakhali Jubilee School ...	4	...	...	...	...	2	...	...	4	...	...	...	...	Nil.
Payaragachha Ripon H. C. E. School...	3	...	2	...	...	1	1	...	1	...	...	...	...	66 66
Perozepur H. C. E. School ...	7	1	2	3	...	1	...	...	...	...	...	...	...	85·71
Peshwar Edward's C. M. High School...	11	1	5	1	...	2	...	...	4	1	...	...	...	63·63
Peshwar M. B. School ...	7	...	2	...	...	4	3	...	5	...	...	...	...	28·57
Prasannakumar Seminary, Khanakul, Krishnagar ...	5	...	1	1	...	3	1	1	3	...	...	...	...	40·
Pratt Memorial School ...	3	3	...	...	...	...	...	...	...	...	...	...	...	100·
Prince of Wales' College, Moratuwa ...	7	1	...	1	1	4	2	3	2	2	...	1	...	28·57
Private Students ...	261	8	47	39	1	120	41	50	99	13	5	11	...	36·01
Prome Municipal School ...	4	...	1	1	...	1	...	...	1	...	...	1	...	50·
Purbasthali Victoria Instn. ...	6	1	2	...	...	3	1	...	2	...	...	...	...	50·
Puri Zila School ...	8	3	4	1	...	...	...	...	...	...	...	...	...	100·
Purnea Zila School ...	6	1	4	...	...	...	1	...	...	...	...	...	...	83·33
Purulia Zila School ...	14	4	5	4	...	1	...	...	...	...	...	...	...	92·85
Puthia H. E. School ...	6	...	3	...	...	3	...	1	1	...	...	...	...	50·
Raipur High School ...	11	1	7	...	...	3	...	1	...	6	...	...	...	72·72
Rajagram A. S. School ...	13	...	1	2	...	10	1	2	8	...	...	...	...	23·07
Rajbari Raja Suryyakumar's Instn. ...	14	2	5	3	...	4	...	1	1	...	...	...	...	71.42
Rajkumar School, Bamra ...	3	...	...	...	1	3	2	1	3	...	...	...	...	Nil.
Rajshahye Collegiate School ...	56	12	20	9	...	12	1	1	6	8	...	1	1	73·21
Ramgopalpur P. J. K. High School ...	2	1	...	1	...	...	...	...	...	...	...	...	...	100·
Ramendra High School, Begamganj ...	5	...	2	...	...	2	...	...	1	...	...	...	...	40·
Carried over ...	4763	771	1578	724	28	1238	342	351	978	251	31	37	3	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	4763	771	1578	724	28	1238	342	351	978	251	31	37	3	...
Rampurhat H. E. School ...	3	...	2	1	.	..	.	...	...	...	...	...	...	100'
Ranaghat H. A. V. School ...	11	5	3	1	...	..	...	1	...	...	1	.	..	81·81
Ranchi Zila School ...	10	3	6	1	..	..	.	...	...	...	...	...	...	100'
Rangoon Baptist College ...	3	.	1	...	.	.	.	.	.	...	...	2	...	33'33
Rangoon Collegiate School ...	43	11	21	8	.	1	.	.	1	...	1	1	...	93 02
Rangoon Convent School ...	8	1	1	4		1	...	.	1	...	...	...	...	75'
Rangoon Methodist Girls' School ...	3	..	2	...	...	...	...	1	.	...	...	...	...	66 66
Rangoon St. Paul's School ...	7	1	4	.	...	2	...	.	...	...	...	...	...	71'42
Rangpur Zila School ...	17	1	7	7	.	...	...	...	...	1	2	...	...	88·23
Raniganj H. E. School ...	14	1	3	3	.	6	...	.	3	...	...	...	...	50'
Ravenshaw Coll. School ...	30	6	12	6	.	5	.	...	3	...	1	...	...	80'
Richmond College, Galle ...	2	..	1	...	.	...	...	1	1	...	...	.	...	50'
Ripon Collegiate School ...	40	6	14	5	.	10	2	3	11	.	1	.	...	62'5
Ripon Collegiate School, H. Branch ...	14	4	5	3	..	4	...	...	1	...	...	...	...	85'71
Ripon Collegiate School, K. Branch ...	15	5	4	3		3	...	...	...	...	...	...	...	80.
Roll Chaudhuri Md. Tayyib Instn. ...	1	.	.	.		1	...	...	1	...	...	...	...	Nil.
Rowile High School ..	2	2	...	.	...	...	...	...	...	...	...	...	...	100'
Sadhuhati H. E. School ...	4	.	3	...	...	1	1	..	1	...	..	...	.	75
Sagar High School ..	24	3	8	1	2	9	1	...	10	2	.	.	...	50.
Salkia A. S. School ...	6	.	2	1	.	3	.	...	2	...	.	.	.	50.
Samastipur H. E. School ...	1	...	..	1	...	...	...	...	...	...	...	.	.	100.
Sambalpur High School ...	8	...	2	2	1	4	...	1	2	1	...	.	.	50'
Sanskrit Collegiate School ...	12	3	5	3	...	1	...	..	1	...	...	...	...	91·66
Santipur Municipal School ...	19	4	7	5		1	1	1	1	.	...	...	...	84·21
Santosh Jahnavi School ...	12	4	7	...	...	..	1	...	...	...	...	...	.	91 66
Saran Academy ...	26	3	6	3	...	10	2	6	8	.	...	1	.	46·15
Sasseram H. C. E. School ...	7	...		2	...	3	3	2	4	...	...	...	...	28 57
Satkhira P. N. School ...	4	.	1	.	...	2	1	...	1	.	...	...	...	25'
Searsole H. E. School ...	13	3	6	3	...	1	...	...	...	...	...	...	...	92·3
Senhati High School ...	18	5	10	3	.	...	...	...	...	...	...	...	...	100'
Seoni Mission High School ...	3	.	.	...	...	3	2	..	1	.	.	.	...	Nil.
Serajganj B. L. School ...	14	1	6	2	.	3	1	1	4	...	...	...	...	64·28
Serampur Collegiate School ...	2	...	.	1	...	...	1	...	...	...	...	...	...	50.
Serampur Union Instn. ..	10	2	6	1	.	...	.	...	1	...	...	...	...	90.
Shambazar H. C. E. School ...	8	..	1	2	..	5	1	...	2	..	.	.	...	37'5
Shazadpur H. E. School ...	7	.	5	...	...	..	1	...	2	.	...	...	...	71·42
Sherpur H. E. School ...	2	.	2	.	...	..	...	...	...	...	...	...	...	100.
Sherpur Victoria Academy ...	3	1	2	.	.	...	...	...	...	...	...	...	...	100.
Carried over ...	5189	846	1743	796	31	1317	360	368	1040	255	36	42	3	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in								Percentage of successful candidates.
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent.	Expelled.	
Brought forward ...	5189	846	1743	796	31	1317	360	368	1040	255	36	42	3	...
Shillong Govt. High School ...	14	5	4	...	.	3	2	..	3	3	..	1	...	64·28
Shillong Govt. Normal School ...	2	...	...	...	...	1	...	1	...	1	...	...	...	Nil.
Sialkot M. B. V. J. School ...	2	...	...	...	...	2	...	.	2	...	..	...	...	Nil.
Sibpur H. C. E. School ...	11	.	2	3	...	4	2	2	6	...	...	.	...	45·45
Sibsagar High School ...	4	.	3	1	...	...	.	...	...	...	...	...	...	100·
Silchar High School ...	88	3	41	1	..	..	...	...	...	.	...	...	..	100·
Sil's Free College ...	12	1	1	2	...	7	..	...	4	...	1	...	...	33·33
Simla Bengal Academy ...	15	1	6	2	...	6	1	1	4	...	...	...	...	60·
Sodepur H. E. School ...	3	...	2	..	.	1	...	...	1	...	..	.	.	66·66
Sonamganj Jubilee School ...	11	...	5	3	.	3	.	...	..	...	..	...	...	72·72
Sonamukhi Jubilee High School ...	4	1	2	...	...	1	1	.	...	..	...	...	...	75·
South Suburban School, Bhowanipur ...	50	10	15	6	...	17	..	2	9	...	1	...	...	62·
Sri Bharati Institution ...	14	1	2	.	...	10	10	3	8	...	..	..	...	21·42
St. George's College, Mussoorie ...	2	1	...	.	...	1	...	1	..	...	...	...	...	50
St. James' School ...	4	1	2	...	...	...	.	1	1	...	...	...	...	75·
St. John's College, Jaffna ...	5	...	4	...	1	...	...	.	.	...	1	...	...	80·
St. John's College, S. P. G., Rangoon	4	..	.	2	...	2	...	1	..	.	...	.	.	50·
St. Joseph's Boarding and Day School ...	8	5	3	...	...	...	...	...	...	...	...	.	...	100·
St. Joseph's College, Darjeeling ...	12	4	3	3	...	...	1	...	1	...	...	...	...	83·33
St. Joseph's Convent, Mandalay ...	1	...	1	...	...	..	..	.	...	...	...	...	..	100·
St. Joseph s Convent, Maulmein ...	2	...	...	1	...	1	...	...	...	...	...	...	...	50
St. Mary's Institution, Chandernagar ..	13	3	8	1	..	...	...	...	1	...	...	.	...	92 3
St. Patrick's School, Maulmein ...	3	...	...	...	.	3	2	.	2	.	...	...	.	Nil.
St. Paul's School, Darjeeling ...	20	7	7	2	..	1	...	3	3	...	...	...	...	80·
St. Thomas' College, Colombo ...	14	1	2	2	3	5	2	5	4	3	.	2	...	35·71
St. Xavier's College ...	48	12	19	7	.	2	3	2	4	...	2	..	...	79 16
Sudhakarpur H. E. School ..	6	1	2	2	.	...	1	..	1	...	...	...	.	83 33
Sylhet Govt. High School ...	23	10	5	3	...	5	...	.	...	...	...	...	...	78 26
Sylhet Maulavi Bazar H. E. School ...	5	1	3	...	...	1	...	...	...	...	...	...	...	80
Sylhet Murari Chand Coll. High School	14	2	7	2	.	2	...	.	2	1	...	...	...	78·57
Sylhet National Institution ...	20	2	3	6	...	6	2	..	4	1	2	...	.	55
Taki Government School ...	11	1	5	1	...	1	1	...	2	...	...	...	...	63·63
Tala B. De Institution ...	4	...	2	1	..	1	...	...	1	...	...	.	...	75·
Tamluk Hamilton School ...	5	3	1	1	. .	...	...	..	.	.	.	.	...	100·
Tangail Bindubasini School ...	18	3	6	4	..	4	.	.	3	...	...	...	...	72·2
Teachers ...	40	5	6	10	3	16	4	2	13	3	...	...	...	52·5
Teghoria H. C. E. School ...	3	...	2	1	.	..	...	...	...	...	...	...	...	100.
Telinipara Bhadreswar School ...	6	1	4	1	..	...	...	...	...	...	..	.	..	100.
Carried over ...	5670	931	1884	864	38	1423	392	396	1119	267	41	47	3	...

Names of Institutions.	Number of Candidates.	Passed in the				Failed in							Percentage of successful candidates
		First Division.	Second Division.	Third Division.	Drawing.	English.	Mathematics.	Second Language.	History and Geo.	Drawing.	Aggregate.	Absent	Expelled.	
Brought forward ...	5630	931	1884	864	38	1423	392	396	1119	267	41	47	3	...
Teota Academy ...	5	...	...	...	...	5	...	2	4	.	...	...	...	Nil.
Tezpur High School ...	8	3	2	2	...	1	1	...	1	...	...	.	...	87·5
Tikamgarh School ...	3	...	.	1	.	2	1	-	2	..	..	...	..	33·33
Tikari H. C. E. School ...	6	...	1	1	.	4	...	...	...	...	...	...	...	33·33
Trinity College, Kandy ...	12	2	2	..	..	5	1	3	6				..	33·33
Uday Narayanpur Sarada Ch. Institution	4	...	2	..	...	2	...	1	1	..	...	.		50·
Ujjain C. M. High School ...	2	...	1	...	...	1	1	.	1	2	.	..	..	50·
Ulipur M. S. H. A. V. School ...	2	2	...	...	.	...	...	...	...	...	..	...	..	100·
Uluberia H. C. E. School ...	6	.	4	1	...	1	...	...	...	1	..	..	...	83·3
Uttarpara Collegiate School ...	20	5	4	4	..	5	..	.	1	...	1	...	..	65·
Wesley College, Colombo ...	19	1	1	2	3	9	6	8	11	2	...	1	...	21·05
Woodstock School ...	2	1	.	1	1	...	.	...	...	...	...	...	...	100·
Total ...	5719	945	1901	876	42	1458	402	411	1146	272	42	48	3	65·08

F. A. EXAMINATION, 1893.

Comparative Table shewing the number of candidates sent up from each Institution, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject or the passing marks in the aggregate.

Names of Institutions.	Number of Candidates.	Passed in the			Failed in								
		First Division.	Second Division.	Third Division.	English.	Mathematics.	Second Language.	Physics.	Chemistry.	History.	Logic.	Absent.	Aggregate.
Albert College ...	47	..	2	12	15	22	12	6	16	22	23	...	4
Bangabasi College ...	53	..	2	14	28	17	14	15	5	10	20	1	1
Behar National College ..	77	.	.	20	42	22	10	19	24	40	32	4	4
Berhampur College ...	47	1	3	15	13	15	4	6	9	16	13	5	5
Bethune College ...	6	...	1	4	1	1	...	..	1	...	..	...	...
Bishop Cotton School, Simla ...	2	.	...	2	...	...	...	..	...	...	..	...	...
Bishop's College ...	3	...	1	1	..	1	...	...	...	...	1	...	...
Brajamohan Institution, Barisal ...	50	3	9	17	16	4	1	1	1	13	9	1	1
Burdwan Raj College ...	87	1	8	26	37	12	12	7	10	39	26	..	8
Calcutta Madrasa ...	20	1	3	9	2	4	..	...	4	3	2	1	...
Canadian Mission College, Indore ..	10	..		3	2	5	1	2	..	2	2	..	1
Chittagong College ...	13		...	8	4	2	1	1	1	1	2	..	..
City College ...	184	2	6	60	73	67	38	18	50	73	41	13	11
Dacca College ...	78	5	11	17	24	27	11	9	24	23	22	2	6
Free Church of Scotland's Institution and Duff College ...	66	...	6	15	25	23	19	4	4	15	24	1	6
General Assembly's Institution ...	128	3	8	30	60	50	47	25	25	23	30	7	2
Hislop College, Nagpur ...	29	...	2	14	11	5	2	2	...	3	3	1	...
Holkar College, Indore ...	5	..	..	..	3	2	1	2	...	2	2	..	...
Hughli College	78	5	8	23	30	15	16	9	22	31	31	1	6
Jabalpur College ..	29	.	3	10	6	9	2	8	3	3	4	2	2
Jaffna College ...	3	...	1	1	...	1		...	..	.	...	...	...
Jagannath College, Dacca ..	172		10	51	79	51	46	11	30	56	44	5	6
Krishnagar College ..	34	.	2	10	12	15	3	10	7	11	13	..	2
L. M. S. College, Bhawanipur ...	38	...	3	15	11	6	7	4	8	17	9	.	5
Metropolitan Institution ...	224	1	17	50	115	68	64	32	88	109	61	14	7
Midnapur College ...	30	...	...	12	15	8	7	1	3	5	8	..	1
Carried over ..	1513	22	106	440	624	452	318	192	334	517	422	58	78

Names of Institutions.	Number of Candidates.	Passed in the			Failed in								
		First Division.	Second Division.	Third Division.	English.	Mathematics.	Second Language.	Physics.	Chemistry.	History.	Logic	Absent.	Aggregate.
Brought forward ...	1513	22	106	440	624	452	318	192	334	517	422	58	78
Morris College, Nagpur ...	22	1	1	14	5	4	...	1	...	4	2	...	...
Murari Chand College, Sylhet ...	10	...	1	3	2	6	1	1	2	2	3	...	...
Patna College ...	108	...	5	26	58	36	11	33	39	58	52	8	5
Presidency College ..	129	14	31	41	21	23	22	2	22	19	22	7	2
Private Student ...	7	1	2	2	..	2	...	...	...	...	...	...	...
Rajchandra College, Barisal ...	32	..	1	12	12	8	2	5	5	11	8	2	3
Rajshahye College ...	50	..	2	15	18	12	8	5	3	15	7	3	7
Rangoon College ...	23	...	6	6	6	.	...	6	3	10	8	...	2
Ravenshaw College ...	40	...	1	4	29	23	11	11	20	24	17	..	...
Ripon College ...	161	2	15	52	60	60	35	13	57	55	42	7	4
Sanskrit College ...	16	...	2	4	8	2	..	...	2	1	4	..	1
St. John's College, Jaffna ...	2	.	..	1	1	..	...	...	...	...	...	...	...
St. Mary's Institution, Chandernagar...	7	...	3	3	1	..	1	...	...	1	1	...	...
St. Paul's School, Darjeeling ...	1	...	...	..	1	1	...	1	1	1	...	.	...
St. Xavier's College ..	80	1	5	24	33	21	21	11	30	27	23	2	4
Teachers ..	85	...	...	9	57	42	17	29	26	36	34	9	3
T. N. Jubilee College, Bhagalpur ...	36	1	..	7	17	14	9	11	16	16	18	1	4
Trinity College, Kandy ...	6	...	1	3	...	2	...	2	1	2	1	...	..
Uttarpara College ...	29	...	3	10	8	11	2	...	1	1	10	...	1
Victoria College, Cooch-Behar ...	36	...	3	19	11	2	2	1	2	3	4	..	2
Victoria College, Naral ...	15	...	.	4	7	7	3	4	1	1	3	...	...
Total ...	2408	42	188	699	979	728	463	328	565	804	681	97	116

B. A. EXAMINATION, 1893.

Comparative Table shewing the number of Candidates sent up from each Institution, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject or the passing marks in the aggregate.

A. COURSE.

Names of Institutions.	Number of Candidates.	Passed			Failed in						Absent.	Expelled.	Honours in two branches.
		With Honours in the		Without Honours.	English.	Philosophy.	Mathematics.	Second Language.	History.	Aggregate.			
		First Division.	Second Division.										
Ajmere Government College ...	1	.	...	...	..	...	..	1	...	...	...	...	...
Behar National College ...	6	..	...	...	6	5	..	1	2	...	...	..	..
Berhampur College ...	19	...	..	1	15	9	1	6	1	2	1	...	1
Bethune College ...	5	...	...		2	2	...	1	...	...	...	...	
City College ...	63	..	2	8	35	30	4	13	6	10	3	...	1
Dacca College ...	98	1	1	14	61	57	4	31	12	15	1	...	..
Free Church of Scotland's Institution and Duff College...	121	...	2	13	78	59	10	24	22	6	13	...	...
General Assembly's Institution	89	...	1	18	55	41	1	23	14	7	3	...	...
Hislop College, Nagpur ...	14	..	1	7	6	4	..	1	...	...	...	...	...
Hughli College ...	39	2	2	10	17	16	1	14	1	2	1	...	1
Jabalpur College ...	2	...	...	...	1	2	...	1	1	...	...	...	...
Krishnagar College ...	19	...	1	1	14	11	...	7	...	1	2	..	...
L. M. S. College, Bhowanipur...	12	...	1	3	5	5	...	3	1	1	1	...	1
Metropolitan Institution ...	126	...	4	19	73	64	4	49	3	10	3	...	...
Morris College, Nagpur ...	12	..	..	2	7	4	1	4	1	1	..	...	...
Patna College ...	61	2	3	11	35	29	3	10	2	5	3	...	...
Presidency College ...	67	2	18	16	22	22	1	8	9	6	2	..	7
Rajshahye College ...	12	...	..	2	8	6	...	4	2	1	1	...	1
Rajchandra College, Barisal ...	15	..	...	1	10	8	1	4	.	1	2	..	..
Ravenshaw College ...	13	...	...	1	11	10	2	..	...	1	...	...	..
Ripon College ...	109	...	2	25	53	56	6	45	5	9	2	1	...
St. John's College, Agra ...	1	.	...	...	1	1	...	...	..	...	..	...	..
St. Paul's School, Darjeeling ...	1	..	...	..	1	...	...	...	...	...	..	...	..
St. Xavier's College ...	30	...	...	10	15	13	1	6	...	2	2	...	1
Teachers ...	76		.	7	55	42	4	28	4	2	3	...	...
T. N. Jub. College, Bhagalpur	8	...		1	4	1	...	1	..	2	...	...	...
Victoria College, Cooch-Behar	6	...	2	2	2	1	...	2	...	.	...	...	...
Victoria College, Naral ...	6	...	..	2	3	3	...	2	...	1	...	...	...
Wesley College, Colombo ...	1	...	..	1	...	...	..	..	.	...	...	...	1
Total ...	1032	7	40	178	595	501	44	289	8	85	43	1	8

B. COURSE.

Names of Institutions.	Number of Candidates.	Passed			Failed in							Absent.	Honours in two branches.
		With Honours in the		Without Honours.	English.	Mathematics.	Physics and Chemistry.	Physiology and Botany.	Geology and Physical Geography.	Aggregate.			
		First Division.	Second Division.										
B. E. ...	1	...	..	...	...	...	..	...	...	..		1	...
City College ...	61	..	5	11	30	31	21	...	.	3		5	1
Dacca College ...	8	...	..	2	4	5	3	.	..	.		...	...
Free Church of Scotland's Institution and Duff College	3	...	..	2	1	1	1		..	...		...	...
General Assembly's Institution	18	...	3	8	7	5	5	..	.	..		...	...
Hislop College, Nagpur ...	4	...	...	2	1	2	...	.	..	...		...	...
Hughli College ...	19	...	2	9	7	4	4		.	1		...	..
Jabalpur College ...	15	...	1	4	8	8	6	..	..	1		...	...
Krishnagar College ...	4	...	...	1	1	2	1	.	..	1		...	...
M. B. ...	1	...	...	...	1	1	...	...		...		...	...
Morris College, Nagpur ...	1	...	..	...	1	1	...	...	...	...		...	...
Patna College ...	12	...	1	4	6	1	2	...	.	...		1	...
Presidency College ...	37	...	16	13	7	6	4	..	...	...		2	3
Rajshahye College ...	7	...	...	1	2	2	1	...	..	1		1	...
Rangoon College ...	3	...	...	3	...	...	...	...	..	.		...	...
Ravenshaw College ...	4	...	...	1	3	2	...	1	...	...		...	...
Ripon College ...	10	...	...	4	4	4	5	...	.	..		1	...
St. John's College, Agra ...	1	...	...	...	...	...	1	...	..	..		..	...
St. Paul's School, Darjeeling...	1	...		...	..	1	1	.	.	.		...	...
St. Xavier's College ...	22	...	1	6	11	11	8	.	.	2		...	...
Teachers ...	12	...	...	2	8	7	4		1	1		...	...
Victoria College, Cooch-Behar	3	...	..	...	2	3	1	...	..	...		..	...
Total ...	247	...	29	73	104	97	68	1	1	10		11	4

MINUTES

OF

THE FACULTY OF LAW

FOR THE YEAR 1893-94.

No 1.

THE 26TH MAY, 1893.

Present:

THE HON'BLE DR. RASHBEHARY GHOSE, *President, in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.

THE HON'BLE GONESH CHUNDER CHANDRA. | BABU JOGINDRACHANDRA GHOSE, M.A., B.L.

BABU RAMCHARAN MITRA, M.A, B L.

31. Read applications for the appointment of Tagore Professor of Law for 1893-94, from the undermentioned gentlemen, opposite whose names are stated the subjects in which they are prepared to lecture :—

NAMES.	SUBJECTS.
Sir Frederick Pollock, Bart., Corpus Professor of Jurisprudence, Oxford University	The Law relating to Fraud, Misrepresentation and Mistake in British India.
Mr. W. Griffith, Barrister-at-Law .	Ditto ditto.
Mr. M. L. Agarwala, Barrister-at-Law	Ditto ditto.
Babu Gopalchandra Mookerjee, M.A., B.L.	The Land Law of Bengal.
Babu Jogindranath Bhattacharyya, M A., D.L.	The Law relating to Joint Property and Partition in British India.

RESOLVED—

That copies of the introductory lectures and brief synopsis forwarded by the applicants, be referred to a Committee consisting of the following five gentlemen for consideration and report :—

The Hon'ble Sir Charles Paul, K.C.I.E.
The Hon'ble Sir Griffith Evans, K.C.I.E.
Babu Hemchandra Banerjee, B L.
The Hon'ble Mr. Justice Chunder Madhub Ghose.
The Hon'ble Mr. Justice Norris, Q.C.

32. The Assistant Registrar stated that in accordance with Rule 1 of the Scheme adopted by the Senate for the Tagore Law Lectures, it was necessary to name not more than three subjects, upon one of which the Professor to be appointed for the year beginning the 1st November, 1894, would be required to deliver a course of twelve lectures.

RESOLVED—

That the matter be deferred until the next meeting of the Faculty.

33. A Committee consisting of the undermentioned gentlemen was appointed to revise the list of text-books for the Law examinations of 1895, with instructions to report on or before the 10th June :—

W. C. Bonnerjee, Esq.
Babu Kalicharan Banerjee, M.A., B.L.
Babu Golapchandra Sarkar, M.A., B.L.
The Hon'ble Gonesh Chunder Chandra.

TROYLUCKONATH BANERJEE,
Assistant Registrar.

(Confirmed.)
RASHBEHARY GHOSE,
President.

MINUTES

OF

THE FACULTY OF LAW

FOR THE YEAR 1893-94.

No. 2.

THE 23RD JUNE, 1893.

Present:

THE HON'BLE DR. RASHBEHARY GHOSE, *President, in the Chair.*

BABU SARADACHARAN MITRA, M.A., B.L.	A. F. M. ABDUR RAHMAN, ESQ.
BABU GOLAPCHANDRA SARKAR, M.A., B.L.	BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.

34. Read the following report:—

"To

THE REGISTRAR, CALCUTTA UNIVERSITY.

Calcutta, the 6th June, 1893

SIR,

WE, a Committee appointed by the Faculty of Law to revise the list of Text-books for the Law examinations of 1895, have the honour to recommend that the Text-books for the Law examinations of 1895 be the same as those for the Law examinations of 1894, with the following modifications:—

In Group 3 of the B. L. Text-books, we recommend the omission of 'Act XIX of 1873, Sections 146, 150, and 166—168,' and of 'Act XII of 1881, Sections 1—23,' and the insertion of 'Act IV of of 1893 (Partition Act).'

In Group 4 of the B. L. Text-books, we recommend the following specification after 'Act III of 1877 (Registration Act),' namely, "Part 1, Section 3, Parts III, IV, VI, X and XII"

In Group 8 of the B.L Text-books, we recommend the omission of 'Jogindranath Siromani's Commentaries on Hindu Law, Chapters

1, 2, 3, 11 and 12,' and the substitution of 'Mayne's Hindu Law and Usage, omitting Chapters 6-7, 11-12 and 13' for 'Mayne's Hindu Law and Usage, omitting Chapters 1-4, 6-7, 11-12, 13, 20 and 21.'

In Group 1 of the Honour in Law Text-books, we recommend the omission of 'Story's Conflict of Laws.'

In Group 2 of the Honour in Law Text-books, we recommend the omission of 'Strange's Hindu Law' and of 'Macnaghten's Principles of Hindu Law'

We have the honour to be,

SIR,

Your most obedient Servants,

W. C. BONNERJEE.
KALI CHARAN BANURJI.
GOLAP CHANDRA SARKAR.
GONESH CHUNDER CHUNDER."

RESOLVED—

That the report be adopted.

W. GRIFFITHS,
Registrar.

(Confirmed.)
RASHBEHARY GHOSE,
President.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 2.

THE 24TH JUNE, 1893.

Present:

THE HON'BLE MR. JUSTICE PIGOT,
Vice-Chancellor, in the Chair.

DR. MAHENDRALAL SIRCAR, C.I.E
BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR. RASHBEHARY GHOSE.
BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
BABU KAILASCHANDRA BASU, L.M.S.

35. The Minutes of the meeting of the Syndicate held on the 6th May, having been read, the Vice-Chancellor drew attention to the resolution of the Syndicate, dated the 22nd April, 1892, (p 342, Minutes for 1891-92), and expressed his opinion that, in the face of the above resolution, it is not desirable that the appointment of Babu Asutosh Mukerjee to set papers in History for the ensuing B. A. and M. A. examinations resolved at the meeting of the 6th May, should be carried out.

The members present were all in favour of the retention of Babu Asutosh Mukerjee as Examiner in History.

The Minutes were then confirmed.

36. Read the Minutes of the Faculty of Law, dated the 26th May and 23rd June.

RESOLVED—

That the Text-books prescribed for the Law examinations of 1894, be prescribed for the Law examinations of 1895, with the following modifications :—

In Group 3 of the B. L. Text-books, "Act XIX of 1873, Sections 146, 150, and 166-168," and "Act XII of 1881, Sections 1-23," be omitted, and "Act IV of 1893 (Partition Act)" be inserted.

In Group 4 of the B. L. Text-books, after "Act III of 1877 (Registration Act)," the following specification be added, namely, "Part I, Section 3, Parts III, IV, VI, X and XII."

In Group 8 of the B. L. Text-books, "Jogindranath Siromani's Commentaries on Hindu Law, Chapters 1, 2, 3, 11 and 12" be omitted, and "Mayne's Hindu Law and Usage, omitting Chapters 6-7, 11-12 and 13" be substituted for "Mayne's Hindu Law and Usage, omitting Chapters 1-4, 6-7, 11-12, 13, 20 and 21."

In Group 1 of the Honour in Law Text-books, "Story's Conflict of Laws" be omitted.

In Group 2 of the Honour in Law Text-books, "Strange's Hindu Law" and "Macnaghten's Principles of Hindu Law" be omitted.

RESOLVED ALSO—

That the revised lists of text-books be published in the *Gazette*.

37. Read a letter from Mr. J. H. Gilliland, resigning his officiating appointment in the Syndicate on the 17th June.

ORDERED—

To be recorded.

38. The undermentioned gentlemen were appointed to set papers in Mathematics for the ensuing F. A. and B. A. examinations :—

F. A.

Mr. J. H. Gilliland, M.A.
Mr. W. Booth, M.A.

B. A.

Mr. J. H. Gilliland, M.A.
Babu Bipinbihari Gupta, M.A.

39. The undermentioned gentlemen were appointed to set and examine papers for the ensuing examination for Honours in Law :—

C. P. Hill, Esq., Barrister-at-Law.
P. O'Kinealy, Esq, Barrister-at-Law.

40. The Registrar stated that it was necessary to select eight Natural Orders in Botany for the next Preliminary Scientific L. M. S. and M. B. examinations.

RESOLVED—

That the following eight Natural Orders in Botany be selected : —

Anonaceæ	Urticaceæ
Leguminosæ	Palmeæ
Rubiaccæ	Aroideæ
Solanaccæ	Gramineæ

41. The Registrar stated that it was necessary to fix Genera and Orders in Zoology for the ensuing B. A. examination.

RESOLVED.—

The following Genera and Orders in Zoology be fixed for the B. A. examination of 1894 :—

1 The Genera of the Vertebrate order —Proboscidea.
2. The Genera of the Invertebrate order —Stomatopoda.
3. The Indian Genera of the Reptilian order—Crocodilia.
4. The Indian Genera of the Avian order—Raptores.

42. On the results of the last Entrance examination, the Dwarkanath Scholarship was awarded to Kalimohan Sen of the South Suburban School, Bhowanipur.

43. On the results of the last B. A. examination the Bishnu Priya Devi prize was awarded to Dwarakeswar Sarma of the General Assembly's Institution as the best of the successful Assamese candidates for the year.

44. Read applications from the undermentioned graduates for admission to the Premchand Roychand Studentship examination, opposite whose names are noted the subjects in which they desire to be examined :—

J. N. Gupta	English, History and Philosophy.
Florence Holland	English and Latin.
Satischandra Bandyopadhyay...	English and Philosophy.
Ambikacharan Ukil ...	English, Philosophy, History and Philology.

RESOLVED—

That the applicants be admitted to the examination.

45. The undermentioned gentlemen were appointed to set and examine papers for the Premchand Roychand Studentship examination of 1893 :—

English	Mr. J. Mann, M A.
Latin	Mr. H M. Percival, M.A.
Philosophy	Dr. P. K. Ray.
History	Mr. M. Prothero, M.A.
Philology	Dr. A. F. R. Hœrnle.

46. Read the following report of the Board of Examiners for the M. B examinations: —

"FROM

THE BOARD OF EXAMINERS

FOR THE M. B. EXAMINATIONS,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated Calcutta, the 29th May, 1893

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the M. B. examinations.

The number of candidates registered for the Preliminary Scientific M. B. examination was 52, of whom 12 passed in the Second Division and 40 failed. Of the candidates who failed, 18 attained the standard of the Preliminary Scientific L M. S. examination, of whom 12 had already passed that examination

The number of candidates registered for the First M. B. examination was 17, of whom 9 passed in the Second Division, 1 was absent and 8 failed.

The number of candidates registered for the Combined Preliminary Scientific and First M. B. examination was 17, of whom 1 passed only the Preliminary Scientific M. B. examination in the Second Division, 2 were absent and 14 failed. Of the candidates who failed, 6 attained the standard of the Preliminary Scientific L. M. S. examination, 2 of whom had already passed that examination.

The number of candidates registered for the Second M. B. examination was 4, of whom 2 passed, one in the First Division, one in the Second and 2 failed.

The examinations have been conducted in accordance with the instructions laid down for our guidance in our letters of appointment.

We have the honour to be,

SIR,

Your most obedient Servants,

(Sd.) J. F. P. McCONNELL, M.D.
" MOHENDRANAUTH GUPTA.
" DOYAL CHUNDER SHOME,
" E. H. BROWNE, M.D.
" J. O'BRIEN, M.D.
" C. R. M. GREEN.
" J. B GIBBONS.
" C. J. H. WARDEN.
" DAVID PRAIN.
" D. M. MOIR.
" TARA PRASANNA ROY."

The Registrar stated that in anticipation of the orders of the Syndicate, he had published the names of the successful candidates in the *Gazette*.

RESOLVED—

That the report be adopted and the action of the Registrar be approved.

The following are the names of the successful candidates :—

PRELIMINARY SCIENTIFIC M. B. EXAMINATION.

SECOND DIVISION.

In Alphabetical order.

Basu, Surendranath	... ...	Medical College.
Chakrabarti, Satyasaran	... ...	Ditto.
Datta, Haridhan	... ...	Ditto.
Gangopadhyay, Jogendranath	...	Ditto.
„ Khagendranath	...	Ditto.
Ghosh, Krishnakumar	... ...	Ditto.
Mitra, Pasupati ...	... ..	Ditto.
Mukhopadhyay, Pramathanath	...	Ditto.
„ Sitanath	... ...	Ditto.
Ray, Lalitmohan	... ...	Ditto.
Sen, Kalimohan	... ...	Ditto.
Sinha, Hiralal	... ...	Ditto.
„ Surendranath	... ...	Ditto.

FIRST M. B. EXAMINATION.

SECOND DIVISION.

In Alphabetical order.

Barat, Syamlal ...	... ...	Medical College.
Chattopadhyay, Gopalchandra	...	Ditto
Datta, Saratchandra	... ...	Ditto.
De, Jaygopal ...	... ...	Ditto.
Ghoshal, Chandicharan	... ...	Ditto.
Mitra, Satyasaran	... ...	Ditto.
Pal, Ratanchandra	... ...	Ditto.
Ray, Adharchandra	... ...	Ditto.
Sen, Satyendranath	... ...	Ditto.

SECOND M. B. EXAMINATION.

FIRST DIVISION.

Bhattacharyya, Sureschandra ... Medical College.

SECOND DIVISION.

Mukhopadhyay, Jajneswar ... ... Medical College.

The undermentioned candidates who failed at the Preliminary Scientific M. B. and Combined Preliminary

Scientific and First M. B. examinations, having attained the standard of the Preliminary Scientific L. M. S. examination were declared to have passed that examination :—

PRELIMINARY SCIENTIFIC L. M. S. EXAMINATION.

In Alphabetical order.

Basu, Harilal	... ...	Medical College
Chakrabarti, Rajendralal	... ...	Ditto.
Das, Nagendranath	... ...	Ditto.
De, Syamacharan	... ...	Ditto.
Johory, J.	... ...	Ditto.
Mitra, Taraknath	... ...	Ditto.
Mukhophadhyay, Purendramohan	...	Ditto.
Sanyal, Apurbachandra	... ...	Ditto.
Sen, Saratchandra	... ...	Ditto.
Som, Rajanınath	... ...	Ditto.

On the results of the Second M. B. examination, the Goodeve and the McLeod Medals were awarded to Sureschandra Bhattacharyya of the Medical College.

47. Read the following report of the Board of Examiners for the F. E. examination :—

"FROM

THE BOARD OF EXAMINERS

FOR THE F. E. EXAMINATION,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated the 9th June, 1893.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the F. E. examination.

The number of candidates registered for the examination was 22, of whom 15 passed and 7 failed. Of the successful candidates 15 were placed in the Second Division.

The examination has been conducted in accordance with the instruction laid down for our guidance in our letters of appointment.

We have the honour to be,

SIR,

Your most obedient Servants,

(Sd.) J. S. SLATER,

„ W. BANKS GWYTHER,

„ C. LITTLE."

The Registrar stated that, in anticipation of the orders of the Syndicate, he had published the names of the successful candidates in the *Gazette*.

RESOLVED—

That the report be adopted and the action of the Registrar be approved.

The following are the names of the successful candidates:—

F. E. EXAMINATION.

SECOND DIVISION.

In order of merit.

1.	Sen, Basantakumar ...	...	Civil Engineering College.
2.	Chakrabarti, Srischandra	...	Ditto.
3.	Bhaduri, Harimadhab...	...	Ditto.
4.	Basu, Manmohan ...	...	Ditto.
5.	Das, Manmohan ...	...	Ditto.
6.	Pramanik, Rasamay ...	...	Ditto.
7.	Palit, Jatindranath ...	...	Ditto.
8.	Mallik, Phanilal ...	...	Ditto.
9.	Sen, Kalinarayan ...	...	Ditto.
10.	Datta, Nagendranath ...	...	Ditto.
11.	Mitra, Surendranath ...	...	Ditto.
12.	De, Nilmani ...	...	Ditto.
13.	Chattopadhyay, Debendranath	...	Ditto.
14.	Talapatra, Jadabchandra	...	Ditto.
15.	Biswas, Binodbihari ...	...	Ditto.

48. The Registrar reported that, in anticipation of the sanction of the Syndicate, he had allowed Babu Sureschandra Bhattacharyya to appear at the examination for Honours in Medicine recently held.

RESOLVED—

That the action of the Registrar be approved.

49. The Registrar reported that, subject to the sanction of the Syndicate, he had, in consultation with the President of the Faculty of Medicine, appointed Dr. Greene and Dr. Gibbons to set and examine papers in Midwifery and Medical Jurisprudence, respectively, for the recent examination for Honours in Medicine.

RESOLVED—

That the action of the Registrar be approved.

50. The Registrar stated that Sureschandra Bhattacharyya, who had appeared at the recent examination for Honours in Medicine, taking up the branches, Midwifery

and Medical Jurisprudence, had been declared by the examiners to have passed in Midwifery, and to have failed in Medical Jurisprudence.

RESOLVED—

That the result of the examination be published in the *Gazette*.

51. Read a letter from Maulavi Muhammad Yousuff, Khan Bahadur, Tagore Professor of Law for 1892, reporting the results of the last Tagore Law examination.

RESOLVED—

That the Tagore Gold Medal be awarded to Shahabuddin Khan and the Tagore Silver Medal to Haripada Bandyopadhyay.

RESOLVED ALSO—

That the names of the successful candidates be published in the *Gazette*.

52. The President of the Faculty of Law suggested the following alterations in No. 3 of the Rules for the B. L. examination:—

That for the words "with 400 marks in the aggregate for a first class and 300 for a second," the words "with $\frac{2}{3}$ of the total marks for a first class and $\frac{1}{2}$ for a second" be substituted.

RESOLVED—

That the alterations suggested be adopted.

53. Read a letter from Dr. Mahendralal Sircar, C.I.E, and Babu Asutosh Mukopadhyay, F.R.A.S., F.R.S.E., suggesting an alteration in the time for holding the Entrance F.A. and B. A. examinations.

RESOLVED—

That the consideration of the proposal be deferred, till the meeting of the Syndicate in December.

54. Read a letter from the Deputy Secretary to the Government of India, in the Home Department, stating in reply to this office letter No. 1362, dated the 30th March last, that a reference has been made to Her Majesty's Secretary of State for India, regarding the recognition of the Medical Licence and Degrees of this University by the General Council of Medical Education and Registration of the United Kingdom.

ORDERED—

To be recorded.

55. Read a letter from Mr. E. F. Mondy, stating in reply to this office letter No. 1360, dated the 4th March last, the reasons why the present system of holding the University examinations outside the Metropolis, which presumes voluntary co-operation on the part of the local officers interested in education, should be changed.

ORDERED—

To be recorded.

56. Read a letter from the Inspector of Schools, Presidency Circle, requesting to be informed whether a new School opened in the immediate neighbourhood of well-established and successful Institutions in the town of Calcutta is to be regarded as " injurious to the interests of discipline."

RESOLVED—

That the Inspector of Schools, Presidency Circle, be informed that the Syndicate see no reason for expressing any opinion in the matter.

57. Read an application from the Proprietor of the University Institution started in this city on the 2nd June, 1893, requesting that the Institution may be recognised by the University as a High School.

RESOLVED—

That some members of the Syndicate being acquainted with the qualifications of the Proprietor and of some members of the instructive staff, the Syndicate feel at liberty to grant the application. The name " University Institution " must, however, be changed, and the name substituted must be submitted to the Registrar before the recognition is finally granted.

58. Read a letter from the Secretary to the Woman's Union Missionary Society of America, requesting that the School under the management of the above Society may be recognised by the University as a High School.

RESOLVED—

That the School be recognised as a High School qualified to send up candidates to the Entrance examination.

59. Read a letter from the Principal, General Assembly's Institution, stating that this office circulars, Nos.

1443 and 1444, dated the 29th May, 1893, requesting the Heads of Affiliated Institutions and Recognised High Schools to forward fresh applications for the affiliation of their Colleges and the recognition of their Schools, are not authorised by the new rules, and are not in accordance with the general interpretation of the resolution of the Senate "that these rules should be retrospective."

RESOLVED—

That the Principal, General Assembly's Institution, be informed that the application for the affiliation of Colleges and for the recognition of Schools already affiliated to and recognised by the University is substantially one for confirmation of the privileges already possessed by them, and that the fresh applications called for are necessary in order to carry out fully the resolution of the Senate making all the new rules, which contain some requirements in addition to those previously imposed, "retrospective."

60. Read an application from the Honorary Secretary, Indian Association for the Cultivation of Science, requesting that the Institution may be affiliated to this University in Physics and Chemistry up to the F. A. Standard.

RESOLVED—

That the Secretary to the Government of India in the Home Department be requested to move His Excellency the Governor-General of India in Council to sanction the affiliation of the Indian Association for the Cultivation of Science to the University in Physics and Chemistry up to the F. A. Standard.

61. Read a letter from the Rev. J. Hector, M.A., a member of the Senate, forwarding an application from the Principal, Canadian Mission College, Indore, requesting that the Institution may be affiliated to the University in Arts up to the B. A. Standard.

RESOLVED—

That the Secretary to the Government of India in the Home Department be requested to move His Excellency the Governor-General of India in Council to sanction the affiliation of the Canadian Misson College, Indore, to this University in Arts up to the B. A. Standard.

62. Read a letter from the Principal, Government College, Jabalpur, enquiring whether the students from the College who failed at the recent examinations may be allowed to appear again at the next examinations as students of the College without its affiliation to the University being renewed.

RESOLVED—

That the Principal, Government College, Jabalpur, be informed that students from the College who failed at the recent examinations cannot be allowed to appear again at the next examinations as students of the College without its affiliation to the University being renewed.

63. Read a letter from the Principal, St. George's College, Mussoorie, stating with reference to this office Circular No. 1443, dated the 29th May, that the entire Institution is now affiliated to the Allahabad University, and that it is not necessary to renew its affiliation to the Calcutta University.

ORDERED—

To be recorded.

64. Read a letter from the Principal, Rajkumar College, Nowgong, stating with reference to this office Circular No. 1443, dated the 29th May, 1893, that it is not desired to renew the affiliation of the above College to this University.

ORDERED—

To be recorded.

65. Read letters from the Principal, Residency College, Indore, stating in reply to this office Circulars Nos. 1443 and 1444, dated the 29th May, 1893, that it is not desired that the affiliation of the College and the recognition of the School attached to it should be renewed.

ORDERED—

To be recorded.

66. Read an endorsement from the Principal, Patna College, forwarding a letter from the Law Lecturer attached to the College, suggesting that the Regulations for the B. L. examination should be so modified as to make the course prescribed for the examination a *bonâ fide* two years' course.

RESOLVED—

That the matter be referred to the Faculty of Law.

67. Read a letter from Messrs. Eyre and Spottiswoode, requesting that they may again be entrusted with the printing of the examination papers of this University.

ORDERED—

To be recorded.

68. Read a letter from Sir Roper Lethbridge, C.I.E., forwarding a proof of the Preface to the new and greatly improved edition of his "History of India," and requesting that the same may be laid before the Board of Studies in History, Political Economy and Geography, with the recommendation that the new edition may be adopted as one of the text-books for the Entrance examination.

Read also a letter from Messrs. Macmillan & Co., forwarding six copies of a new edition of Sir Roper Lethbridge's "History of India," revised by the author and brought up to date.

RESOLVED—

That the letters be acknowledged.

69. Read a letter from Messrs. Longmans, Green & Co., forwarding twelve copies of their "School Geography for India and Ceylon" for the consideration of the Syndicate and the Board of Studies in History, Political Economy and Geography.

RESOLVED—

That the letter be acknowledged.

70. Read an endorsement from the Officiating Under-Secretary to the Government of Bengal, forwarding for disposal a letter from the District Judge of Pabna and Bogra, requesting that a copy of the Tagore Law Lectures delivered in the years 1870 to 1875, both inclusive, as well as a copy of Syamacharan Sarkar's Tagore Law Lectures delivered in 1873 and 1874, may be supplied to each of the following officers:—

1st Sub-Judge of Pabna.
1st Munsiff of Pabna.
2nd do. do.
Munsiff of Shahzadpur.

Munsiff of Sirajganj.
1st Munsiff of Bogra.
2nd do. do.

RESOLVED—

That the Under-Secretary to the Government of Bengal be informed that the Syndicate regret that they are unable to supply the Tagore Law Lectures to the officers named in the letter from the District Judge of Pabna.

71. Read an endorsement from the Principal, General Assembly's Institution, forwarding an application from certain unsuccesful candidates at the last Entrance examination, praying that alternative papers in Sanskrit and History may be set for the Entrance examination of 1894.

RESOLVED—

That at the Entrance examination of 1894, alternative papers in Sanskrit and History be set for the unsuccessful candidates of previous years out of the textbooks prescribed for the examination of 1893.

72. Read a letter from the Rev. C. E. Tyndale Biscoe, M.A., requesting that Srinagar may be appointed a centre for holding the Entrance examination.

RESOLVED—

That the Rev. C. E. Tyndale Biscoe be informed that the Syndicate regret that they cannot add Srinagar to the list of centres for holding the Entrance examination.

73. Read a letter from the Registrar, Panjab University, forwarding a list of the undermentioned candidates who have been debarred from appearing at the Middle School and Entrance examinations of the University on account of having resorted to unfair means at the recent Middle School examination :—

Mansa Singh.
Nanak Singh.
Tarachand.
Khaliq Dad.
Mohar Singh.
Abdul Quadir.
Chaitram.
Sharam Singh.
Bodh Singh.

ORDERED—

To be recorded.

74. Read a letter from the Registrar, Panjab University, forwarding an application from Peter Mohyud Din, a student who passed the Intermediate examination of the above University in 1893, and stating that he has no objection to the applicant being admitted to the B. A. examination of this University.

RESOLVED—

That Peter Mohyud Din be informed that he will be admitted to the B. A. examination, provided he satisfies the other requirements of the University.

75. Read an application from Gopalnarayan Kelkar, praying that as he has kept two terms in the Fergusson College, since passing the Matriculation examination of the Bombay University, he may be permitted to appear at the next F. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the F. A. examination on his completing a regular course of study for two academical years in an Institution affiliated to this University.

76. Read an application from Trimbak Keshav Jayawant, supported by a *Bene Decessit* certificate from the Principal, Wilson College, Bombay, where he has kept three terms in the Intermediate class, praying that he may be admitted to the B. A. examination of this University.

RESOLVED—

That the applicant be informed that he will be admitted to the F. A. examination on his completing a regular course of study for two academical years in an Institution affiliated to this University

77. Read an application from Daru N. Dayabhai, stating that he has kept the first term in the Barada College since passing the First examination for the degree of B. Sc. of the Bombay University, and requesting permission to appear at the F. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the F. A. examination on his completing a regular course of study for two academical years in an Institution affiliated to this University.

78. Read a letter from the Principal, Canadian Mission College, Indore, stating in reply to this office letter No. 1355, dated the 4th April, 1893, that the cases of Vasudeo Mahadeo Deodhar and Ganesh Martand Bhalerao, who have kept two terms in Fergusson College in the Previous examination class and have obtained *Bene Decessit* certificates from the Principal of the College, are exactly similar to that of Kashinath Ramchandra Kharker, and requesting that as the latter has been allowed to appear at the F. A. examination of this University after attending lectures for a year in some Institution affiliated to it, the same privilege may be granted to the other two also.

RESOLVED—

That the Principal, Canadian Mission College, Indore, be informed that Vasudeo Mahadeo Deodhar and Ganesh Martand Bhalerao must attend a regular course of study for two academical years in an Institution affiliated to this University in order to make themselves eligible for admission to the F. A. examination, and that the case of Kashinath Ramchandra Kharker is not to be treated as a precedent as the indulgence in his case was granted through inadvertence.

79. Read an application from W. V. Chand, supported by the requisite permission of the Registrar, Panjab University, praying that he may be admitted to the B. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the B. A. examination on his completing a regular course of study for two academical years in an Institution affiliated to this University.

80. Read an application from Mr. P. K. Tobit, who after passing the Intermediate examination of the Allahabad University, joined the Thomason Civil Engineering College, Roorkee, and has recently passed out as an Assistant Engineer, requesting that he may be admitted to the B. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the B. A. examination on his completing a regular course of study for two academical years in an Institution affiliated to this University.

81. Read an endorsement from the Officiating Inspector of Schools, Eastern Circle, forwarding an application from Tarakchandra Pal, a candidate intending to appear at the B. A. examination, stating that he is suffering from Writers' Palsy which has affected both his hands, and praying that the Syndicate will kindly permit him to avail himself of the services of an amanuensis at the ensuing B. A. examination.

RESOLVED—

That the Officiating Inspector of Schools, Eastern Circle, be informed that the applicant's prayer cannot be granted.

82. Read a letter from the Prefect, St. Xavier's College, forwarding an application from Bhupendranath Mukerjee, an unsuccessful candidate at the last F. A. examination from the above College, whose total marks fell short of the aggregate pass marks by 3 only, and whose marks in History being less than 15 per cent. were rejected, and recommending that the case of the applicant may be re-considered.

RESOLVED—

That the Prefect, St. Xavier's College, be informed that the application of Bhupendranath Mukerjee cannot be entertained.

83. Read an endorsement from the Principal, Uttarpara College, forwarding an application from Bhubanchandra Das, praying that the statement of age made by his son, Saratchandra Das, who passed the last Entrance examination from the above Institution in the 1st Division, may be changed in his certificate from 18 years and 5 months to 16 years and 9 months.

RESOLVED—

That the Principal, Uttarpara College, be informed that the statement of age made by Saratchandra Das in his application for admission to the last Entrance examination cannot be changed.

84. Read an application from Babu Chunilal Baral, supported by an affidavit and a certificate from the Inspector of Schools, Presidency Circle, praying that the age of his son, Gopeswar Baral, which is erroneously stated in his application for admission to the last Entrance examination to be 15 years, may be changed to 18 years

in the records of this office and in the pass certificate granted to him.

RESOLVED—

That Babu Chunilal Baral be informed that the statement of age made by his son, Gopeswar Baral, in his application for admission to the last Entrance examination cannot be changed.

85. Read a letter from the Head Master, Jamalpur H. C. E. School, forwarding an affidavit made by Jatindrachandra Banerjee before a magistrate in support of his application praying that the mistake made by him in stating his age in the application for admission to the last Entrance examination may be rectified.

RESOLVED—

That the Head Master, Jamalpur H. C. E. School, be informed that the statement of age made by Jatindrachandra Banerjee in his application for admission to the last Entrance examination cannot be changed.

86. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from certain unsuccessful candidates at the recent 2nd L. M. S. re-examination, requesting to be informed whether they will be allowed to appear at the next half-yearly examination in those subjects only in which they were rejected last time.

RESOLVED—

That the Principal, Medical College, be informed that the unsuccessful candidates at the recent 2nd L. M. S. re-examination will not be admitted to the next half-yearly examination in those subjects only in which they were rejected last time.

87. Read applications from the unsuccessful candidates at the last B. A. examination, forwarded by the Principals of Colleges to which they respectively belong, praying that under the circumstances mentioned in their applications, a fresh examination of the unsuccesful candidates may be ordered to take place at the beginning of August.

RESOLVED—

That the Principals of Colleges forwarding the applications be informed that a fresh examination of the unsuccessful B. A. candidates cannot be held.

88. Read the following letters from the Secretary and Treasurer, Bank of Bengal :—

No. 85/641.

"To

THE REGISTRAR, CALCUTTA UNIVERSITY.

DEAR SIR,

I beg to advise the purchase of 4 per cent. Government Securities for Rs 1,500 (as per enclosed memo.) agreeably with instructions a/c Sibley Scholarship Fund.

Yours faithfully,

(Sd.) H. F. FRESHWATER.
Secretary and Treasurer.

MEMO. OF PURCHASE

Account—Registrar, Calcutta University on account of Sibley Scholarship Fund

		Rs.	As.	P.	Rs.	As.	P.
1893 April, 14th	To Cost of—						
	4 per cent. Government Securities. No. 2,39254 of 1865 ...	1,000	0	0			
	Interest from 1st November, 1892, to 14th April, 1893, being 5 months and 13 days, at 4 per cent	18	1	9			
	4 per cent. No. 256 293 of 1865	500	0	0			
	Interest from 1st November 1891, to 14th April, 1893, being 1 year 5 months. and 13 days, at 4 per cent.	29	0	11			
	Premium at Rs. 4-11 per cent. ...	70	5	0			
		1,617	7	8			
	Less—Income Tax at 5 pie per rupee on Rs. 47-2-8 ..	1	3	8			
					1,616	4	0
	To Commission at ¼ per cent: ..	...	...	..			
	TOTAL Rs. . .		...	...	1,616	4	0

BANK OF BENGAL,
DEPOSITORS' DEPARTMENT;
Calcutta, 14th April, 1893.

E. E.
(Sd.) C. J. MACLEOD,
Officiating Superintendent."

No. 85/255

"To

THE REGISTRAR, CALCUTTA UNIVERSITY.

DEAR SIR,

I beg to advise the sale of 175 shares in the Goosery Cotton Mills Co., "Limited," at Rs. 83, 84 and 85, respectively (as per enclosed memo.) agreeably with instructions and in part of your order. Enclosed is also a memo. of 4 per cent. G. P. Notes for Rs. 12,000 purchased for you.

Yours faithfully,

(Sd.) H. F. FRESHWATER.

Secretary and Treasurer.

MEMO. OF SALE.

Account—Registrar, Calcutta University on account of Sibley Scholarship Fund.

		Rs.	As.	P.	Rs.	As.	P.
1893 March, 30th	By Proceeds sale of—						
	25 shares, Goosery Cotton Mills Co., "Limited," Nos. 10779 to 10803 at Rs. 84 per share	2,100	0	0			
	100 shares, Goosery Cotton Mills Co., "Limited," No. 10804 to 10,903, at Rs. 83 per share ..	8,300	0	0			
	50 shares Goosery Cotton Mills Co., "Limited," No. 10729 to 10778 at Rs. 85, per share ..	4,250	0	0			
					14,650	0	0
	To Commission at ¼ per cent. ...	36	10	0			
	,, Brokerage at Re. 1 per share...	175	0	0			
	,, Share Transfer Stamps ...	38	12	0			
	,, Receipt Stamps		3	0			
					250	9	0
	TOTAL Rs. ...	...	...	...	14,399	7	0

BANK OF BENGAL,
DEPOSITORS' DEPARTMENT;
Calcutta, 14th April, 1893.

E. E.
(Sd) C. J. MACLEOD,
Officiating Superintendent."

MEMO. OF PURCHASE.

Account—Registrar, Calcutta University, on account of Sibley Scholarship Fund

		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1893 April, 6th.	To Cost of— 4 per cent. Government Securities.									
	No. 332513 of 1865 ...	7,500	0	0						
	No. 166443 to 45 of 1865, at Rs. 1000	3,000	0	0						
	No. 237676, 254173 and 254188 of 1865 at Rs. 500	1,500	0	0						
			—	—	12,000	0	0			
	Interest from 1st November, 1892, to 6th April, 1893, being 5 days, at 4 per cent. ...	206	10	8						
	Less—Income Tax at 5 pie per rupee	5	6	1						
			—	—	201	4	7			
	Premium at Rs. 5 per cent.	...	...	...	600	0	0			
						—	—	12,801	4	
	To Commission at ¼ per cent.	...	...	..	...	.	.	...	.	...
	TOTAL Rs. ...	...	...	.	...	.		12,801	4	7

ORDERED—

To be recorded.

89. Read the following letter from the Secretary and Treasurer, Bank of Bengal :—

BANK OF BENGAL,
DEPOSITORS' DEPARTMENT,
Calcutta, 21st June, 1893.

No. 85 P./1047.

To

THE REGISTRAR, CALCUTTA UNIVERSITY.

DEAR SIR,

I beg to advise the purchase of 4 per cent. Government Securities for Rs. 10,000 (as per enclosed memo.) agreeably with instructions on account of the Reserve Fund

The Securities will be converted into stock as requested.

Yours faithfully,

(Sd.) A. W. LINDSAY,

Deputy Secretary and Treasurer.

MEMO OF PURCHASE

Account—Registrar, Calcutta University, on account of Reserve Fund.

	Rs	As	P	Rs	As	P	Rs.	As.	P.
4 per cent. Government Securities, Nos 336238 and 39 of 1865, at Rs 5,000	10,000	0	0						
Premium at Rs. 7-5 per cent	731	4	0						
				10,731	4	0			
Interest from 1st May, 1893, to 20th June, 1893, being 1 month 19 days, at 4 per cent.	54	7	1						
Less—Income Tax at 5 pie per rupee	·1	6	8						
				53	0	5	10,784	4	5
To Commission at ¼ per cent							26	15	4
TOTAL Rs							10 811	3	9

ORDERED—

To be recorded.

90. The Registrar requested permission to dispose of the answer papers of candidates for examination.

RESOLVED—

That the Registrar be authorised to sell the answer papers and to credit the sale proceeds to the account of the Fee Fund of the University.

91. The following remuneration bills were passed :—

Entrance remuneration bill, 1893.

Names.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs. As.	Rs. As	Rs. As	Rs. As.	Rs. As	Rs. As.	Rs. As.	Rs. As. P.	Rs. As. P.
F. J. Rowe, Esq. ...	English.	50 0	.....	1,856 0	.....	350 0	2,256 0	.....	58 12 0	2,197 4 0
W. Billing, Esq. ...		.....	533 4	.....	.....	.....	533 4	.....	13 14 2	519 5 10
C. F. De la Fosse, Esq.		.....	535 8	.....	.....	.....	535 8	.....	13 15 1	521 8 11
Rev. J. Edwards ...		.....	534 0	.....	.....	.....	534 0	.....	13 14 6	520 1 6
„ J. N. Farquhar ...		.....	532 8	.....	.....	.....	532 8	.....	13 13 10	518 10 2
„ A. B. Wann ...		.....	533 4	.....	.....	.....	533 4	.....	13 14 2	519 5 10
„ J. Lamb ...		.....	528 12	.....	.....	.....	528 12	.....	13 12 3	514 15 9
„ G. Bruce ...		.....	532 8	.....	.....	.....	532 8	.....	13 13 10	518 10 2
E. M. Wheeler, Esq. ...		.....	531 12	.....	.....	.....	531 12	.....	13 13 6	517 14 6
Babu Debendranath Basu ...		.....	531 12	.....	.....	.....	531 12	.....	13 13 6	517 14 6
„ Matilal Chatterjee		.....	531 12	.....	.....	.....	531 12	.....	13 13 6	517 14 6
„ Jnanranjan Banerjee ...		.....	533 4	.....	.....	.....	533 4	.....	13 14 2	519 5 10
„ Dhanaballabh Set		.....	534 0	.....	.....	.....	534 0	.....	13 14 6	520 1 6
„ Durgadas Mukerjee ...		.....	532 8	.....	.....	.....	532 8	.....	13 13 10	518 10 2
„ Lalgopal Chakrabarti ...		.....	532 8	.....	.....	.....	532 8	32 0	13 0 6	487 7 6
„ Lalitkumar Banerjee ...		.....	533 4	.....	.....	.....	533 4	.....	13 14 2	519 5 10
Carried over ...		50 0	7,990 8	1,856 0	.....	350 0	10,246 8	32 0	265 15 6	9,948 8 6

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs As	Rs. As. P.	Rs. As. P.
Brought forward ...	.....	50 0	7,990 8	1,856 0	.....	350 0	10,246 8	32 0	265 15 6	9,948 8 6
Mr. Zahhadur Rahim Zahid ...	English.	.....	530 4	.....	.....	.....	530 4	.....	13 12 11	516 7 1
W. Griffiths, Esq ...	Mathematics.	50 0	.....	.....	.....	.....	50 0	.....	1 4 10	48 11 2
J. H Gilliland, Esq. ...		25 0	.....	.....	.....	.....	25 0	.....	0 10 5	24 5 7
W. Booth, Esq. ...		.....	.....	660 0	.....	350 0	1,010 0	.....	26 4 10	983 11 2
Babu Kaliprasanna Chattoraj ...		.....	472 8	.....	.....	.....	472 8	.....	12 4 10	460 3 2
,, Mohinikanta Ghatak ...		.....	474 8	.....	.....	.....	474 8	.....	12 5 8	462 2 4
,, Syamadas Mukerjee ...		.....	475 0	.....	.....	.....	475 0	.....	12 5 11	462 10 1
,, Upendranarayan Sinha ...		.....	471 0	.....	.....	.....	471 0	.....	12 4 3	458 11 9
,, Gobindalal Set ...		.....	472 8	.....	.....	.....	472 8	.....	12 4 10	460 3 2
,, Baidyanath Basu		.....	539 4	.....	.....	.....	539 4	.....	14 0 8	525 3 4
,, Narendralal De ...		.....	528 12	.....	.....	.....	528 12	.....	13 12 3	514 15 9
,, Rajmohan Sen ...		.....	531 12	.....	.....	.....	531 12	.....	13 13 6	517 14 6
,, Kalipada Basu ...		.....	533 4	.....	.....	.....	533 4	.....	13 14 2	519 5 10
,, Mohinimohan Chaudhuri ...		.....	525 12	.....	.....	.....	525 12	64 0	12 0 4	449 11 8
,, Kshetramohan Banerjee ...		.....	531 12	.....	.....	.....	531 12	.....	13 13 6	517 14 6
Carried over ...	.....	125 0	14,076 12	2,516 0	.....	700 0	17,417 12	96 0	451 0 5	16,870 11 7

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As. P.	Rs. As. P.
Brought forward ...	...	125 0	14,076 12	2,516 0	.....	700 0	17,417 12	96 0	451 0 5	16,870 11 7
Babu Jyotiprasad Chatterjee ...	Mathematics	.....	532 8	.....	.....	.....	532 8	.....	13 13 10	518 10 2
,, Hemendranath Mitra ...	Mathematics	.....	532 8	.....	.....	.....	532 8	.....	13 13 10	518 10 2
,, Gobindachandra Das ...	Mathematics	.....	472 0	.....	.....	.....	472 0	.....	12 4 8	459 11 4
,, Krishnakamal Bhattacharyya ...	Sanskrit.	50 0	.....	550 0	.....	350 0	950 0	.....	24 11 10	925 4 2
,, Kailaschandra Bhattacharyya ...	Sanskrit.	.....	486 12	.....	.....	.....	486 12	.....	12 10 9	474 1 3
,, Nakuleswar Banerjee ...	Sanskrit.	.....	489 0	.....	.....	.....	489 0	.....	12 11 9	476 4 3
,, Kaliprasanna Bhattacharyya ...	Sanskrit.	.....	491 4	.....	.....	.....	491 4	.....	12 12 8	478 7 4
,, Ramkumar Chakrabarti ...	Sanskrit.	.....	489 12	.....	.....	.....	489 12	.....	12 12 0	477 0 0
,, Bidhubhushan Goswami ...	Sanskrit.	.....	488 4	.....	.....	.....	488 4	.....	10 2 9	478 1 3
Pandit Harimohan Bidyabhushan ...	Sanskrit.	.....	487 8	.....	.....	.....	487 8	16 0	12 4 5	459 3 7
Babu Saradacharan Mitra ...	Bengali.	25 0	.....	.....	25 0	.....	50 0	.....	1 4 10	48 11 1
Pandit Sibanath Sastri	Bengali.	.....	422 4	.....	.....	.....	422 4	.....	10 15 11	411 4 2
Carried over ...	...	200 0	18,968 8	3,066 0	25 0	1,050 0	23,309 8	112 0	601 7 8	22,596 0 4

Names.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As. P.	Rs. As P.
Brought forward ...	...	200 0	18,968 8	3,066 0	25 0	1,050 0	23,309 8	112 0	601 7 8	22,596 0 4
C. R. Wilson, Esq. ...	Greek ...	50 0	4 8	1 8	...	...	56 0	.....	1 7 4	54 8 8
Dr. M. A. Stein ...	Latin ...	50 0	383 4	34 8	...	...	467 12	.....	12 2 10	455 9 2
Rev. V. de Campigneulles, S. J. ...	French ...	50 0	69 0	...	...	...	119 0	.....	... ..	119 0 0
Shams-ul-Ulama Maulavi Ahmad ..	Arabic ...	25 0	10 8	...	...	...	35 8	.....	0 14 9	34 9 3
Maulavi Shams-ul Huda ...	Persian ...	25 0	442 8	0 12	...	...	468 4	80 0	10 1 9	378 2 3
Nawab Syed Ameer Hossein, C.I.E....	Urdu.	25 0	.	..	25 0	...	50 0	.....	1 4 10	48 11 2
Maulavi Muhamad Yusuf Jafari ...	Urdu.	. ...	186 6	...	...	...	186 6	.....	4 13 7	181 8 5
„ Syed Rahimuddin ...	Urdu.	.....	166 4	. .	...	...	166 4	.....	4 5 3	161 14 9
Babu Kanailal Sastri ...	Hindi ...	25 0	340 14	9 14	25 0	...	400 12	.....	10 6 11	390 5 1
„ Ramprasanna Mukerjee ...	Uriya ...	25 0	58 4	...	25 0	...	108 4	....	2 13 1	105 6 11
A. W. Lonsdale, Esq.	Burmese	25 0	121 0	...	25 0	...	171 0	.....	4 7 3	166 8 9
T. Stephen, Esq. ...	Armenian	25 0	15 8	...	25 0	...	65 8	.....	1 11 3	63 12 9
R. Dhanasukhoti, Esq.	Tamil ...	25 0	31 0	...	25 0	...	81 0	.....	2 1 9	78 14 3
Carried over ...	..	550 0	20,797 8	3,112 10	175 0	1,050 0	25,685 2	192 0	658 2 3	24,834 15 9

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs. As.	Rs. As.	Rs. As.	Rs. As	Rs. As.	Rs. As.	Rs. As.	Rs. As. P.	Rs As P.
Brought forward ...	...	550 0	20,797 8	3,112 10	175 0	1,050 0	25,685 2	192 0	658 2 3	24,834 15 9
Babu Narayan Chandra Bhattacharyya ...	Bengali Translation.	.....	495 10	...	...	...	495 10	.....	12 14 5	482 11 7
„ Sarat Chandra Gupta ...		.....	498 12	...	...	...	498 12	.....	12 15 9	485 12 3
„ Asutosh Sastri ...		.....	493 12	...	...	...	493 12	.....	12 13 8	480 14 4
„ Biharilal Banerjee ...		.....	498 2	...	...	...	498 2	.....	12 15 6	485 [illegible]
Pandit Baradakanta Bidyaratna ...		.....	489 6	...	...	...	489 6	.....	12 11 10	476 [illegible]
Mahadeo Yeshwant Dole, Esq. ...	Mahrathi	.....	148 12	...	25 0	...	173 12	.....	4 8 4	169 [illegible]
Babu Kedarnath Chatterjee ...	Parbatia.	.....	12 8	...	25 0	...	37 8	.....	0 15 7	36 [illegible]
Rai Gunabhiram Sarma	Assamese	.....	30 0	...	25 0	...	55 0	.....	1 6 11	53 [illegible]
C. Narayan Swami, Esq.	Telugu ..	.....	12 8	...	25 0	...	37 8	.....	0 15 7	36 [illegible]
D. D. Mehta, Esq. ...	Gujrathi	.....	12 8	...	25 0	...	37 8	.....	.. ..	37 [illegible]
Rev. J. Roberts ...	Khasia ...	.....	12 8	...	25 0	...	37 8	.. ...	0 15 7	36 [illegible]
Babu Krishnabihari Seb	History.	50 0	...	1,271 0	...	350 0	1,671 0	.....	43 8 3	1,627 [illegible]
Babu Ambikacharan Mitra ...		.....	530 4	—	...	...	530 4	.....	13 12 11	516 [illegible]
„ Binayendranath Sen		.....	532 8	...	...	...	532 8	.....	13 13 10	518 10 2
„ Adharchandra Mukerjee ...		.....	533 4	...	...	...	533 4	.....	13 14 2	519 5 10
„ Kunjabihari Basu		.....	532 8	...	...	...	532 8	.....	13 13 10	518 10 2
Carried over ...	...	600 0	25,630 6	4,383 10	325 0	1,400 0	32,339 0	192 0	830 6 5	31,316 9 7

BENGAL SECRET

Names.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for re-examining Answer papers.	Fee for translating Second English papers.	Head Examiners' fee.	Total.	Fine.	Income Tax.	Net Amount.
		Rs As	Rs. As.	Rs. As	Rs. As.	Rs. As.	Rs. As.	Rs. As.	Rs. As. P.	Rs. As. P
Brought forward ...	...	600 0	25,630 6	4,383 10	325 0	1,400 0	32,339 0	192 0	830 6 5	31,316 9 7
Babu Sibendranath Gupta ...	History	.....	531 12	...	...	.	531 12	. ..	13 13 6	517 14 6
,, Ramananda Chatterjee ...	History	.....	527 4	...	...	..	527 4	.....	13 11 8	513 8 4
,, Mohitchandra Sen ...	History	.....	531 0	...	..	.	531 0	... ..	13 13 3	517 2 9
Mr. Abdul Hak Abid.	History	.....	531 0	...	...	..	531 0	... ..	13 13 3	517 2 9
Babu Ramendrasundar Trivedi ...	Geography.	... ..	443 12	...	...	...	443 12	.....	11 8 10	432 3 2
,, Jnanchandra Ghosh ...	Geography.	.....	443 2	...		..	443 2	.....	11 8 7	431 9 5
,, Brajaballabh Datta	Geography.	.....	442 8	...	...	..	442 8	.....	11 8 4	430 15 8
,, Kumudinikanta Banerjee ...	Geography.	.....	443 2	...	...	...	443 2	.....	11 8 7	431 9 5
,, Jibanchandra Mukerjee ...	Geography.	... ..	442 8	...	...	...	442 8	.....	11 8 4	430 15 8
,, Rajendranath Chatterjee ...	Geography.	.....	442 8	...	...	...	442 8	... ...	11 8 4	430 15 8
,, Brajendranath Chatterjee ...	Geography.	.....	438 12	...	...	...	438 12	.....	11 6 9	427 5 3
,, Umeschandra Ghosh ...	Geography.	.....	445 0	...	...	...	445 0	.....	11 9 5	433 6 2
W. H. Jobbins, Esq. ...	Drawing.	25 0	236 4	...	...	...	261 4	.....	6 12 10	254 7 7
Total Rs. ...	...	625 0	31,528 14	4,383 10	325 0	1,400 0	38,262 8	192 0	984 10 1	37,085 13 11

F. A. remuneration bill, 1893.

Names.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Total.	Income Tax.	Net Amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
C. R. Wilson, Esq.	English ..	40 0 0	.....	40 0 0	1 0 8	38 15 4
Rev. E. Brown		40 0 0	.....	40 0 0	1 0 8	38 15 4
Rev. A. P. Begg		.....	866 0 0	866 0 0	22 8 10	843 7 2
Rev. J. Morrison		.....	939 0 0	939 0 0	24 7 3	914 8 9
Rev. A. Tomory		.....	893 0 0	893 0 0	23 4 1	869 11 11
W. B. Livingstone, Esq. ...		.....	865 0 0	865 0 0	22 8 5	842 7 7
Abdur Rahim, Esq.		.....	894 0 0	894 0 0	23 4 6	870 11 6
Babu Herambachandra Maitra ...		.....	940 0 0	940 0 0	24 7 8	915 8 4
W. Booth, Esq.	Mathematics ..	80 0 0	.....	80 0 0	2 1 4	77 14 8
C. Little, Esq.		.....	804 0 0	804 0 0	20 15 0	783 1 0
Rev. J. P. Ashton		.....	850 0 0	850 0 0	22 2 2	827 13 10
Babu Gaurisankar De		.....	802 0 0	802 0 0	20 14 2	781 1 10
„ Mahendranath Ray ...		.....	848 0 0	848 0 0	22 1 4	825 14 8
„ Bipinbihari Gupta ...		.....	830 0 0	830 0 0	21 9 10	808 6 2
„ Suryyakumar Karfarma ...		.....	830 0 0	830 0 0	21 9 10	808 6 2
„ Haraprasad Sastri ...	Sanskrit ..	80 0 0	.....	80 0 0	2 1 4	77 14 8
„ Golapchandra Sarkar ...		40 0 0	.....	40 0 0	1 0 8	38 15 4
„ Nilmani Mukerjee ...		.....	666 0 0	666 0 0	17 5 6	648 10 6
„ Kailaschandra Datta ...		.....	643 0 0	643 0 0	16 11 11	626 4 1
„ Bireswar Chatterjee ...		.....	642 0 0	642 0 0	16 11 6	625 4 6
„ Nrisinhachandra Mukerjee ...		.....	688 0 0	688 0 0	17 14 8	670 1 4
„ Umacharan Banerjee ...		.....	687 0 0	687 0 0	17 14 3	669 1 9
Carried over ...	...	280 0 0	13,687 0 0	13,967 0 0	363 11 7	13,603 4 5

Names.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Total.	Income Tax.	Net Amount.
		Rs. As. P	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
Brought forward ...	...	280 0 0	13,687 0 0	13,967 0 0	363 11 7	13,603 4 5
Babu Janakinath Bhattacharyya ...	Sanskrit ...	... ..	703 0 0	703 0 0	18 4 11	684 11 1
„ Ramprasanna Mukerjee ...		.. ..	52 0 0	52 0 0	1 5 8	50 10 4
„ Saradacharan Mitra ...	Bengali ...	80 0 0	2 0 0	82 0 0	2 2 2	79 13 10
Dr. M. A. Stein	Latin ...	80 0 0	106 0 0	186 0 0	4 13 6	181 2 6
C. R. Wilson, Esq.	Greek ..	80 0 0	4 0 0	84 0 0	2 3 0	81 13 0
Rev. V de Campigneulles, S.J ...	French ...	80 0 0	34 0 0	114 0 0	.....	114 0 0
Shams-ul-Ulama Shaikh Mahmud Gilani.	Arabic and Persian.	80 0 0	12 0 0	92 0 0	2 6 4	89 9 8
Maulavi Abul Khair Muhammad Siddiq.		80 0 0	.....	80 0 0	2 1 4	77 14 8
Shams-ul-Ulama Maulavi Ahmad ...		.....	390 0 0	390 0 0	10 2 6	379 13 6
J. Gray, Esq.	Pali ..	80 0 0	32 0 0	112 0 0	2 14 8	109 1 4
T. Stephen, Esq.	Armenian ...	80 0 0	2 0 0	82 0 0	2 2 2	79 13 10
P. Bruhl, Esq.		40 0 0	...	40 0 0	1 0 8	38 15 4
A. Ewbank, Esq.	Physics ...	.....	773 0 0	773 0 0	20 2 1	752 13 11
J. C. Bose, Esq.		.....	773 0 0	773 0 0	20 2 1	752 13 11
Very Rev. Father E. Lafont, S.J. ...		.....	773 0 0	773 0 0	.....	773 0 0
Dr. C. J. H. Warden		40 0 0	...	40 0 0	1 0 8	38 15 4
A. Pedler, Esq.	Chemistry ...	.....	775 0 0	775 0 0	20 2 11	754 13 1
W. H. Wood, Esq.		.....	725 0 0	725 0 0	18 14 1	706 1 11
P. C. Ray, Esq.		.....	757 0 0	757 0 0	19 11 5	737 4 7
Dr. D. Prain	Botany ...	80 0 0	22 0 0	102 0 0	2 10 6	99 5 6
Carried over ...	...	1,080 0 0	19,622 0 0	20,702 0 0	516 0 3	20,185 15 9

NAMES	Subjects.	Fee for setting.	Fee for examining Answer papers,	Total.	Income Tax.	Net Amount.
		Rs. As. P	Rs. As. P.	Rs. As. P	Rs. As P.	Rs. As. P.
Brought forward ..		1,080 0 0	19,622 0 0	20,702 0 0	516 0 3	20,185 15 9
H. M. Percival, Esq.	History	40 0 0	.....	40 0 0	1 0 8	38 15 4
Dr. A. F. Rudolf Hœrnle ...	History	.....	753 0 0	753 0 0	19 9 9	733 6 3
N. N. Ghose, Esq.	History	.....	746 0 0	746 0 0	19 6 10	726 9 2
Babu Kalisankar Sukul ..	History	.....	749 0 0	749 0 0	19 8 1	729 7 11
A. Venis. Esq. ..	Logic	40 0 0	.....	40 0 0	1 0 8	38 15 4
Babu Syamacharan Ganguli ..	Logic	.....	757 0 0	757 0 0	19 11 5	737 4 7
,, Nilkanta Majumdar ...	Logic	.....	757 0 0	757 0 0	19 11 5	737 4 7
,, Brajendranath Sil ..	Logic	.....	747 0 0	747 0 0	19 7 3	727 8 9
TOTAL Rs ..	.....	1,160 0 0	24,131 0 0	25,291 0 0	635 8 4	24,655 7 8

Names.	Subjects.	Fee for setting.		Fee for examining Answer papers.		Total.	Income Tax.	Net Amount.
		Pass.	Honours.	Pass.	Honours.			
		Rs. A. P.	Rs. A. P.	Rs. A. P	Rs A. P.	Rs. A. P.	Rs. A P.	Rs. A. P.
C. R. Wilson, Esq.	English.	60 0 0	160 0 0	805 0 0	180 0 0	1,205 0 0	31 6 1	1,173 9 11
Rev. E. Brown ...		60 0 0	160 0 0	.....	.....	220 0 0	5 11 8	214 4 4
H. M. Percival, Esq.		... ..	... ..	805 0 0	182 0 0	987 0 0	25 11 3	961 4 9
S. Robson, Esq.		.....	.....	827 8 0	182 0 0	1,009 8 0	26 4 7	983 3 5
Rev. J. Hector		.. ...	.....	820 0 0	156 0 0	976 0 0	25 6 8	950 9 4
A. Venis, Esq.	Philosophy.	60 0 0	160 0 0	612 8 0	54 0 0	886 8 0	23 1 4	863 6 8
Babu Kalicharan Banerjee ...		60 0 0	240 0 0	653 12 0	58 0 0	1,011 12 0	26 5 6	985 6 6
Dr. P. K. Ray		.....	.....	635 0 0	58 0 0	693 0 0	18 0 9	674 15 3
H. Stephen, Esq.		.....	. ....	671 4 0	62 0 0	733 4 0	19 1 5	714 2 7
Dr. M. A. Stein	Latin.	120 0 0	.....	22 8 0	.....	142 8 0	3 11 4	138 12 8
Babu Haraprasad Sastri ...	Sanskrit.	120 0 0	160 0 0	711 4 0	116 0 0	1,107 4 0	28 13 4	1,078 6 8
,, Rajendrachandra Sastri ...		120 0 0	160 0 0	711 4 0	116 0 0	1,107 4 0	28 13 4	1,078 6 8
,, Ramprasanna Mukerjee ...		.....	.....	60 0 0	.....	60 0 0	1 9 0	58 7 0
Shams-ul-Ulama Shaikh Md. Gilani	Arabic and Persian.	120 0 0	320 0 0	71 4·0	56 0 0	567 4 0	14 12 4	552 7 8
Maulavi Abul Khair Md. Siddiq ...		120 0 0	160 0 0	.....	... .	280 0 0	7 4 8	272 11 4
Col. H. S. Jarrett		.....	160 0 0	128 12 0	88 0 0	376 12 0	9 12 11	366 15 1
H. M. Percival, Esq.	History.	120 0 0	320 0 0	20 0 0	.....	460 0 0	11 15 8	448 0 4
M. Prothero, Esq.		.....	.....	450 0 0	160 0 0	610 0 0	15 14 2	594 1 10
Carried over ...		960 0 0	2,000 0 0	8,005 0 0	1,468 0 0	12,433 0 0	323 12 0	12,109 4 0

Names	Subjects.	Fee for setting.		Fee for examining Answer papers.		Total.	Income Tax.	Net Amount.
		Pass.	Honours.	Pass.	Honours.			
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Brought forward ...	.....	960 0 0	2,000 0 0	8,005 0 0	1,468 0 0	12,433 0 0	323 12 0	12,109 4 0
St. John Stephen, Esq. ...	Mathematics	60 0 0	160 0 0	.....	.....	220 0 0	5 11 8	214 4 4
Babu Bipinbihari Gupta .	Mathematics	60 0 0	160 0 0	.....	.....	220 0 0	5 11 8	214 4 4
G. W. Kuchler, Esq.	Mathematics	.....	.....	406 4 0	116 0 0	522 4 0	13 9 7	508 10 5
J. H. Gilliland, Esq.	Mathematics	.....	.....	405 0 0	116 0 0	521 0 0	13 9 1	507 6 11
P. Bruhl, Esq.	Physics.	60 0 0	80 0 0	121 4 0	84 0 0	345 4 0	8 15 10	336 4 2
A. Macdonell, Esq.	Physics.	60 0 0	80 0 0	185 0 0	86 0 0	411 0 0	10 11 3	400 4 9
Dr. C. J. H. Warden	Chemistry.	60 0 0	80 0 0	92 8 0	74 0 0	306 8 0	7 15 8	298 8 4
W. McMillan, Esq.	Chemistry.	60 0 0	80 0 0	81 4 0	90 0 0	311 4 0	8 1 8	303 2 4
Dr. D. Prain	Botany.	60 0 0	.....	8 12 0	.....	68 12 0	1 12 7	66 15 5
T. H. Holland, Esq.	Geology, Mineralogy and Phy. Geo.	180 0 0	.....	2 8 0	.....	182 8 0	4 12 0	177 12 0
Total Rs. ...	.....	1,560 0 0	2,640 0 0	9,307 8 0	2,034 0 0	15,541 8 0	404 11 0	15,136 13 0

Second M. B. remuneration bill, 1893.

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for Oral and Practical Examinations.	Total.	Income Tax.	Net Amount.
		Rs. As. P.	Rs. As. P.	Rs. As P.	Rs. As. P.	Rs. As. P	Rs. As. P.
Rai Taraprasanna Ray, Bahadur ...	Medl. Juris...	80 0 0	12 0 0	20 0 0	112 0 0	2 14 8	109 1 4
Dr. A. Crombie ...	Medicine	80 0 0	.....	.....	80 0 0	2 1 4	77 14 8
Dr. G. H. Brown ...	Medicine	.....	40 0 0	40 0 0	80 0 0	2 1 4	77 14 8
Dr. J. O'Brien	Surgery ...	80 0 0	12 0 0	40 0 0	132 0 0	3 7 0	128 9 0
Babu Dayalchandra Som ...	Midwifery ...	80 0 0	12 0 0	40 0 0	132 0 0	3 7 0	128 9 0
Dr. D. D. Cunningham ...	Pathology ...	80 0 0	12 0 0	40 0 0	132 0 0	3 7 0	128 9 0
Dr. C. R. M. Green.	Hygiene ...	80 0 0	12 0 0	20 0 0	112 0 0	2 14 8	109 1 4
TOTAL Rs. ...	.....	480 0 0	100 0 0	200 0 0	780 0 0	20 5 0	759 11 0

Preliminary Scientific M. B., First M. B. and Combined Preliminary Scientific and First M. B. examinations remuneration bill, 1893 :—

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for Oral and Practical Examinations.	Total.	Income Tax.	Net Amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
Dr. C. J. H. Warden	Chemistry ...	60 0 0	136 0 0	670 0 0	866 0 0	22 8 10	843 7 2
Dr. D. Prain	Botany ...	60 0 0	136 0 0	340 0 0	536 0 0	13 15 4	522 0 8
Dr. D. M. Moir	Comp. Anatomy.	60 0 0	132 0 0	330 0 0	522 0 0	13 9 6	508 6 6
Dr. D. M. Moir	Physiology ...	60 0 0	66 0 0	165 0 0	291 0 0	7 9 3	283 6 9
Dr. J B. Gibbons	Anatomy ...	60 0 0	62 0 0	310 0 0	432 0 0	11 4 0	420 12 0
Babu Mahendranath Gupta ...	Materia Medica.	60 0 0	62 0 0	305 0 0	427 0 0	11 1 11	415 14 1
TOTAL RS.		360 0 0	594 0 0	2,120 0 0	3,074 0 0	80 0 10	2,993 15 2

F. E. remuneration bill, 1893.

NAMES.	Subjects.	Fee for setting.	Fee for examining Answer papers.	Fee for examining Projects, Designs and Drawings.	Total.	Income Tax.	Net Amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
C. Little, Esq. ...	Mathematics.	300 0 0	165 0 0	.....	465 0 0	12 1 9	452 14 3
A. Pedler, Esq. ...	Science.	180 0 0	99 0 0	.....	279 0 0	7 4 3	271 11 9
J. H. Toogood, Esq. ...	Engineering.	120 0 0	66 0 0	.....	186 0 0	4 13 6	181 2 6
W. Banks Gwyther, Esq. ...	Drawing.	60 0 0	33 0 0	.....	93 0 0	2 6 9	90 9 3
J. Slater, Esq. ...	Practical	.....	.....	132 0 0	132 0 0	3 7 0	128 9 0
B. Heaton, Esq. ...	Drawing.	.....	.....	132 0 0	132 0 0	3 7 0	128 9 0
TOTAL Rs. ...	.....	660 0 0	363 0 0	264 0 0	1,287 0 0	33 8 3	1,253 7 9

Honours in Medicine remuneration bill, 1893.

NAMES.	Subjects.	Fee for setting	Fee for examining Written papers.	Fee for Oral and Practical Examinations.	Total.	Income Tax.	Net Amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
Dr. C. R. M. Green	Midwifery ...	100 0 0	5 0 0	10 0 0	115 0 0	2 15 11	112 0 1
Dr. J. B. Gibbons	Medical Jurisprudence	100 0 0	5 0 0	10 0 0	115 0 0	2 15 11	112 0 1
Total Rs ...		200 0 0	10 0 0	20 0 0	230 0 0	5 15 10	224 0 2

(Confirmed).

MAHENDRALAL SIRCAR,
Chairman.

W. GRIFFITHS,
Registrar.

MINUTES

OF

THE FACULTY OF LAW

FOR THE YEAR 1893-94.

No. 3.

THE 7TH JULY, 1893.

Present:

THE HON'BLE DR. RASHBEHARY GHOSE, *President, in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
THE HON'BLE MR. JUSTICE TREVELYAN.
THE HON'BLE MR. JUSTICE CHUNDER-MADHUB GHOSE.
BABU SARADACHARAN MITRA, M.A., B.L.
BABU GOLAPCHANDRA SARKAR, M.A., B.L.
BABU DURGAMOHAN DAS.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
THE HON'BLE GONESCHUNDER CHUNDER.
BABU MAHENDRANATH RAY, M.A., B.L.
BABU UPENDRANATH MITRA, M.A., B.L.
BABU RAMCHARAN MITRA, M.A., B.L

92. Read the following report of the Committee appointed to recommend a candidate for the Tagore Law Professorship for 1893-94:—

"The Committee appointed to consider the applications of the candidates for the Tagore Law Professorship for the ensuing year have met, and beg to say that they recommend the election of Sir Frederick Pollock, Bart. Should circumstances prevent Sir Frederick Pollock from accepting, they recommend Babu Gopalchandra Mukerjee.

(Sd.) G. C. PAUL.
" G. H. P. EVANS.
" HEMCHANDRA BANERJEE.
" C. M. GHOSE.
" JOHN F. NORRIS."

The 5th July, 1893.

RESOLVED—

That the Faculty recommend to the Senate that Sir Frederick Pollock, Bart., be elected Tagore Law Professor for the year 1893-94, and that the subject of the lectures be the Law relating to Fraud, Misrepresentation and Mistake in British India.

93. The Faculty then named the two following subjects, upon one of which (to be selected by himself) the Tagore Law Professor to be appointed for the year beginning the 1st November, 1894, will be required to deliver a course of lectures :—

(1). The Land Law of Bengal.

(2). The Law relating to Joint Property and Partition in British India.

94. Read the following letter :—

"THE PRINCIPAL OF THE PATNA COLLEGE.

SIR,

I BEG to make the following suggestions for modification of the recent Regulations for the B. L. examination, which I pray you will be pleased to forward to the Registrar to be put up before the Faculty of Law for their consideration.

Under the new rules the subjects for the B. L. examination are divided into 8 groups. Every student to entitle himself to appear in the examination has to attend 24 lectures out of a minimum of 36 lectures in every group during a period of two academical years after passing the B. A. examination. The number of lectures to be attended in every group being 24 only, a student is required to attend 192 lectures only in all the groups taken together. If one lecture is delivered daily in a College on all the week days except Sundays, it is easily possible for a student to attend the required number of 24 lectures in each group in the course of one year only. If a student, therefore, has been regular for one year, and the lectures have been so arranged as not to exceed 24 in any group, he is at liberty to absent himself altogether in the 2nd year B. L. class after he has attended 24 lectures in each group in his 1st year. The only thing required of him in the 2nd year B. L. class is that he should continue to pay his monthly fee and be marked absent daily for the entire year. And supposing there is a class of 10 students, and all these students have been always regular in attendance, and have prevailed upon the lecturer to deliver not more than 24 lectures in every group, all these students would complete the required number of lectures to entitle them to go up for the examination in course of one year only. And when after the expiry of the 1st year their names are transferred to the 2nd year class, they would not care for attendance, and then in that case the lecturer will have either to stop lectures altogether or he will deliver lectures to the 1st year students of that year and formally mark the 2nd year students absent day by day and month by month for the whole session. During the 2nd year class when generally the students turn their attention to law studies, they will be merely

formal students of the class. They will be students not attending the class but only paying the tuition fee every month and conspicuous by their absence for the entire year. So that under the present rules for one year at least a student can be a Law student of a College in Calcutta, Patna or somewhere, and at the same time may be employed in some service out of the station at any distance from it. Such could never have been the intention of the framer of these rules. But unless some further provisions are made, the rules as they stand at present, are not sufficiently explicit to guard against such abuses of them. I may venture to make the following suggestions :—

(*a*). The number of lectures and the subjects in which lectures be delivered in the 1st year and 2nd year classes respectively, be fixed by the University or (*b*) the number of working days for Law classes be fixed for all Colleges, and the number of lectures to be delivered be also fixed so as to spread the required number of lectures to be attended and to be delivered equally over both the years.

I have the honour to be,

SIR,

Your most obedient Servant,

(Sd.) BRIJBANSI SAHAI,

Law Lecturer, Patna College."

13th May, 1893.

No. 213.

Forwarded to the Registrar, Calcutta. University, with the suggestion that such orders should be passed as will make the B. L. Course a *bonâ fide* two years' Course.

(Sd). A. EWBANK,

PATNA COLLEGE ; *15th May*, 1893. } *Principal.*

RESOLVED —

That the matter be referred to a Committee consisting of—

Sir Romesh Chunder Mitter, Kt.
Babu Kalicharan Banerjee, M.A.,B.L.
Babu Golapchandra Sarkar, M A.,B.L.
Babu Asutosh Mukhopadhyay, F.R.A.S., F.R.S.E.

W. GRIFFITHS,

Registrar.

(Confirmed.)

RASHBEHARY GHOSE,

President.

MINUTES OF THE SYNDICATE
FOR THE YEAR 1893-94.

No. 3.

THE 8TH JULY, 1893.

Present:

DR. MAHENDRALAL SIRCAR, C.I.E., *in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.	BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
THE HON'BLE DR. RASHBEHARY GHOSE.	J. F. P. MCCONNELL, ESQ., M.D., F.R.C.P.
MAULAVI MUHAMMAD YOUSUFF, KHAN BAHADUR, B.L.	BABU KAILASCHANDRA BASU, L.M.S.

95. The Minutes of the meeting of the Syndicate held on the 24th June, were read and confirmed.

96. Read the Minutes of the Faculty of Law dated the 7th July.

RESOLVED—

(*i.*) That the recommendation of the Faculty of Law that Sir Frederick Pollock, Bart., be appointed Tagore Professor of Law for the year 1893-94, and that the subject of his lectures be the Law relating to Fraud, Misrepresentation and Mistake in British India, be laid before the Senate.

(*ii.*) That the Registrar be requested to publish the following advertisement in the leading newspapers of Calcutta, Allahabad, Bombay and Madras, and to forward copies of the advertisement to the Sub-Treasurers of the four Inns of Court, asking them to make the matter known among the members of their respective Inns in such a manner as they deem advisable, and also to the Registrars of the Universities of Oxford, Cambridge and London :—

"CALCUTTA UNIVERSITY.

NOTICE.

THE Senate will proceed in the month of August 1894, to the election of a Tagore Professor of Law for the term of one year, to commence on the 1st of November, 1894.

The salary of the Professorship is Rs. 10,000 per annum, and the Professor will be expected to deliver a course of not less than twelve lectures on one of the following subjects :—

(1). The Land Law of Bengal.

(2). The Law relating to Joint Property and Partition in British India.

Candidates for the Professorship are requested to forward their applications to the Registrar on or before the 1st May, 1894, stating on which of the abovenamed two subjects they are prepared to lecture. Each candidate will forward with his application one hundred copies of a brief synopsis of his proposed lectures, and if he so pleases, the same number of copies of his introductory lecture.

The Professor will be expected to commence his lectures in November 1894, and to complete the delivery thereof in the following January. He will be further required to send to the Registrar a complete manuscript copy of his lectures within five months from the commencement of the delivery thereof."

97. On the results of the last F. A. examination, the Saradaprasad Scholarship was awarded to Saratsasi Sarkar of the Burdwan Raj College.

98. Read a letter from the Deputy Secretary to the Government of India, in the Home Department, intimating in reply to this office letter No. 1570, dated the 9th June, 1893, that the Governor-General in Council is pleased to sanction the affiliation of the Jaffna College, Ceylon, to this University in Arts up to the B. A. Standard.

ORDERED—

To be recorded.

99. The Registrar submitted a list of schools that have passed not more than 20 per cent. of the candidates sent up to the Entrance examinations of the last three years.

RESOLVED—

That the following schools be struck off the list of schools qualified to send up candidates to the Entrance examination :—

Andul Durgasundari Jubilee School.
Arkandi H. E. School.
Seoni Mission High School.

RESOLVED also—

That the following schools be warned that if they do not do well at the next examination, they will be similarly disqualified :—

Agarpara H: C. E. School.
Baluti H. E. School.

Jagatballabhpur H. C. E. School.
Jhenidah H. C. E. School.
Ajyodhya H. E. School.
Bankipur Kayastha Pathsala.
Bazitpur H. E. School.
Bezbaruya High School, Sibsagar.
Bhagalpur Madrasa.
Chandernagar School.
Dinajpur Aided School.
Nimta H. E. School.
Sialkot M. B. V. Jubilee School.
St. John's College, S. P. G., Rangoon.

100. Read an application from the Secretary to the Bansberia English School, requesting that the Institution may be recognised by the University as a High School, qualified to send up candidates to the Entrance examination.

RESOLVED—

That the Bansberia High English School be recognised as a school qualified to send up candidates to the Entrance examination.

101. Read an application from the Secretary to the Patriotic Institution, requesting that the Institution may be recognised by the University as a High School, qualified to send up candidates to the Entrance examination.

RESOLVED—

That the Inspector of Schools, Presidency Circle, be requested to state whether, in his opinion, the above Institution is qualified to teach up to the Entrance Standard.

102. Read a letter from the Principal, Medical College, Calcutta, forwarding an application from Surendranath Bhattacharyya, a candidate who failed at the last First M. B. examination in Anatomy only, and recommending that the applicant may be allowed to appear at the ensuing First M. B. examination without further attendance at lectures in Anatomy, as under the existing arrangements it will not be practicable for him to attend a full course of lectures in that subject.

RESOLVED—

That the Principal, Medical College, be informed that the Syndicate regret that under the Regulations they are unable to admit the applicant to the next First M. B.

examination without requiring him to attend a fresh course of lectures in Anatomy, but that they suggest that arrangements may be made by the Principal so as to enable the applicant to attend the required number of lectures in the subject in question.

103. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from Bipinbihari Banerjee, an unsuccessful candidate at the last second M. B. examination; praying that he may be allowed to appear at the next half-yearly Second L. M. S. re-examination.

RESOLVED—

That the Principal, Medical College, be informed that Bipinbihari Banerjee will be allowed to appear at the next half-yearly Second L. M. S. re-examination.

104. Read a letter from the Principal, Government College, Lahore, requesting that the above College may be included in the list of Institutions to which the University Calendar is suppplied free of charge.

RESOLVED—

That the Principal, Lahore College, be informed that the Syndicate regret that they are unable to supply copies of the University Calendars to Principals of Colleges who are not Fellows of the University.

105. Read an application from Ramapat Ram, supported by the requisite permission of the Registrar, Allahabad University, praying to be admitted to the M. A. examination.

RESOLVED—

That Ramapat Ram be informed that he will be admitted to the M. A. examination.

106. Read a letter from the Prefect, St. Xavier's College, recommending that the word "Mehta" may be added after the name of Nusserwanji Roostumji, who passed the last Entrance examination from the above College in the second Division.

RESOLVED—

That the word "Mehta" be added after the name of Nusserwanji Roostumji in his Entrance certificate as well as in the records of this office.

107. Read an endorsement from the Principal, City College, forwarding an application from Hemantakumar-

Sanyal, an unsuccessful candidate at the last B. A. examination, praying that he may be permitted to take up "Geology and Physical Geography" instead of Physics and Chemistry for the ensuing examination.

RESOLVED—

That the Principal, City College, be informed that the permission of the Syndicate in the matter is not necessary.

108. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Radhakanta Chatterjee, praying that he may be allowed to appear at the B L. examination after attending lectures for the current session.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Radhakanta Chatterjee will be admitted to the B. L. examination on his attending 75 per cent. of the lectures delivered during the current session.

109. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Hemendranath Ghoshal, praying that as he attended B. L. lectures for three years under the old rules, failing in the required minimum of attendance by 16 days only, he may be permitted to make up the deficiency by attending 18 lectures more, so that there may be no obstacle to his appearing at the next B. L. examination.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Hemendranath Ghoshal will be admitted to the B. L. examination on his attending 75 per cent. of the lectures delivered during the current session.

110. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Sripati Mukerjee, stating that he attended B. L. lectures for one year prior to his passing the B. A. examination and for one year after passing that examination, and requesting to be informed of the period for which he must attend further lectures under the new rules in order to make himself eligible for admission to the B. L. examination.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Sripati Mukerjee will be admitted to the B L. examination, provided he attends further lectures for one

year, and provided his attendance at lectures for the three years be not less than 75 per cent.

111. Read an endorsement from the Principal, Ripon College, forwarding an application from Nandagopal Mukerjee, a B. L. student of the College, who had attended lectures for three years under the old rules, and whose attendance has fallen short of the qualifying percentage by 58, praying that he may be allowed to appear at the B. L. examination of 1893, after attending lectures from June to November.

RESOLVED—

That the Principal, Ripon College, be informed that Nandagopal Mukerjee will be admitted to the B. L. examination on his attending 75 per cent. of the lectures delivered during a full session.

112. Read an endorsement from the Principal, Ripon College, forwarding an application from Aparaprasad Pal for admission to the ensuing B. L. examination with the remark that from December 1888 to May 1889 the name of the applicant does not appear in the registers either of the Hughli College or of the Ripon College, and that his admission in the 3rd year class of the Ripon College in June 1889, was not regular.

RESOLVED—

That the Principal, Ripon College, be informed that that Aparaprasad Pal must attend lectures for two years under the new rules, in order to make himself eligible for admission to the B. L. examination.

113. Read an endorsement from the Principal, Ripon College, forwarding an application from Annadaprasad Bhattacharyya, stating that his attendance at B. L. lectures for three years has fallen short of the qualifying percentage by 155, and praying that he may be allowed to appear at the ensuing B. L. examination after attending further lectures delivered during the current session.

RESOLVED—

That the Principal, Ripon College, be informed that Annadaprasad Bhattacharyya will be admitted to the B. L. examination on his attending 75 per cent. of the lectures delivered during a full session.

114. Read an endorsement from the Principal, Ripon College, forwarding an application from Jogini-

mohan Chatterjee, stating that his attendance at B. L. lectures for three years has fallen short of the qualifying percentage by 124, and praying that he may be allowed to appear at the ensuing B. L. examination after attending further lectures delivered during the current session.

RESOLVED—

That the Principal, Ripon College, be informed that Joginimohan Chatterjee will be admitted to the B. L. examination on his attending 75 per cent. of the lectures delivered during a full session.

115. Read an endorsement from the Principal, City College, forwarding an application from Rajendralal Mukerjee, praying that under the circumstances mentioned in the application, he may be allowed to appear at the ensuing B. L. examination on his attending further lectures for the current session.

RESOLVED—

That the Principal, City College, be informed that Rajendralal Mukerjee will be admitted to the ensuing B. L. examination, provided he attends 75 per cent. of the lectures delivered from November 1892 to November 1893.

116. Read endorsements from Principal, Metropolitan Institution and City College, and the Head Master, Hindu School, forwarding applications from certain students, requesting to be informed whether candidates for the ensuing Entrance examination who were prevented from appearing at the last examination will be allowed to answer the alternative questions in Sanskrit and History.

RESOLVED—

That the Registrar be requested to issue a circular to the Head Masters of all Recognised High Schools, intimating that candidates for the ensuing Entrance examination who were prevented, for some reason or other, from appearing at the last or any previous examination, will be allowed to take up the alternative papers in Sanskrit and History.

117. Read a letter from the Inspector of Schools, Rajshahye Circle and Burdwan Division, forwarding an application from Kalipada Mukerjee for admission to the ensuing F. A. examination, and recommending that the concession made in favour of Deputy Inspector, and Sub-Inspectors of Schools under the foot-note to para. 2

of the F. A. Regulations, may be extended to Inspecting Pandits.

RESOLVED—

That the Inspector of Schools, Rajshahye Circle and Burdwan Division, be informed that the Syndicate regret that they cannot comply with his recommendation as they have no power to extend the concession in the foot-note to para 2 of the F A. Regulations.

118. Read a memo from the Principal, Muir Central College, forwarding an application from Jwalaprasad praying that he may be allowed to attend law lectures in the above College in order to qualify himself for admission to the B. L. examination of the Calcutta University.

RESOLVED—

That the Principal, Muir Central College, be informed that the Syndicate regret that they cannot grant the prayer of the applicant.

119. Read an application from certain 4th year Students forwarded under endorsements of the Principals, General Assembly's Institution, Metropolitan Institution, and City College, praying that the portions excluded from the Pass Course in Philosophy for the B. A. examination of 1895 may also be omitted from the course prescribed for the ensuing examination.

RESOLVED—

That the applicants be informed, through the Principals of their respective Colleges, that it is now too late to consider the question

120. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from Anukul-chandra Bagchi, a candidate who was prevented from appearing at the last Preliminary Scientific M B. examination on account of illness, praying that he may be allowed to appear at the next Combined Preliminary Scientific and First M. B. examinations.

RESOLVED—

That the Principal, Medical College, be informed that the prayer of the applicant cannot be granted.

121. Read an application from Babu Nagendranath Mukerjee, supported by an affidavit made before a magistrate, praying that the statement of age made by his brother, Upendranath Mukerjee, in his application for

admission to the Entrance examination of 1892, may be changed from 16 to 14 years.

RESOLVED—

That the applicant be informed that his prayer cannot be granted.

122. The Registrar submitted the following accounts of the University for the period commencing on the 1st April, 1892, and ending on the 30th June, 1893 —

Statement of Receipts and Disbursements of the Calcutta University from 1st April, 1892, to 30th June, 1893.

FEE FUND.

RECEIPTS.

	Rs	As.	P.	Rs	As.	P.
Fees for the Entrance Examination	57,190	0	0			
,, First Arts ,, ...	48 160	0	0			
,, B. A. ,, ...	38,370	0	0			
,, M. A. ,, ...	6,050	0	0			
,, B. L. ,, ...	9,840	0	0			
,, Honours in Law ,, ...	100	0	0			
,, Preliminary Sci. L.M.S. Examination ...	490	0	0			
,, Combined Preliminary Sci. and 1st. L. M. S. Examination ...	75	0	0			
,, First L. M. S Exam.	735	0	0			
,, Second L.M.S. ,, ...	425	0	0			
,, Prel. Sci. M. B. ,, ...	960	0	0			
,, Com. Prel Sci. and 1st M. B. Exmn. ...	875	0	0			
,, Flrst M. B. ,, ...	420	0	0			
,, Second M. B. ,, ...	390	0	0			
,, Honours in Medicine	150	0	0			
,, F. E. ,, ...	720	0	0			
,, L E. ,, ...	525	0	0			
,, B. E. ,, ...	270	0	0			
				1 65,745	0	0
Duplicate fees				332	0	0
Fees for copy of marks ...				1,844	0	0
Contribution to Gown Fund ...				125	0	0
English Entrance Course Royalty ...				2,102	0	0
Sale proceeds of Calendar and Minutes				1,345	8	0
Sale proceeds of Sanskrit and Bengali Selections				1,026	0	0
Payment of advance from the Reserve Fund				3,291	12	0
Payment of advance from the Sibley Fund				700	0	0
Miscellaneous				16	14	11
Total Revenue ...				1,76 528	2	11
Balance on the 1st April, 1892 ...				1,17,829	2	8
GRAND TOTAL ...				2,94,357	5	7

DISBURSEMENTS.

	Rs	As.	P.	Rs	As.	P.
Salaries and Permanent Establishment	17,080	8	0			
Pension	405	0	0			
Contingencies	1,222	8	4			
Remuneration to Examiners ...	1,89,840	15	7			
Municipal Taxes	1,462	8	0			
Examination expenses ...	12,932	6	7			
Bonuses	885	0	0			
Prizes and Medals	1,870	6	9			
Service labels	1,200	0	0			
Stationery	481	5	9			
Printing Minutes	757	0	0			
,, Calendar ...	1,870	14	0			
,, Sanskrit and Bengali Selections	1,248	11	0			
,, Examination papers ...	2,774	12	3			
Miscellaneous printing expenses ...	3,122	1	2			
Reporters' fees	100	0	0			
New books purchased ...	227	6	0			
Refund of fees	142	0	0			
Fee for auditing accounts ...	250	0	0			
Commission to Messrs. Thacker, Spink & Co., on the University publications	169	12	0			
Repairs	810	7	5			
				2,38,853	10	10
Contribution to the Reserve Fund				45,165	14	1
Advance to the Reserve Fund ...				3,291	12	0
Ditto Sibley Fund ...				700	0	0
Balance on the 30th June, 1893 ...				6,346	0	8
GRAND TOTAL ...				2,94,357	5	7

Statement of Securities in custody of the Bank of Bengal on account of Premchand Roychand Studentship Fund.

4 per cent. reduced Loan	of 1879,	No. 53	Book Debt,	Rs.	2,16,000
„ „	of 1865	„ 172	„	„	5,000
„ „	of 1865	„ 460	„	„	8,000
„ „	of 1865	„ 961	„	„	9,000
				Rs.	2,38,000

Dr. *Account, Premchand Roychand Studentship Fund.* *Cr.*

	Rs	As.	P.	Rs.	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	13,755	5	1				By Stipends of students ...	13,600	0	0			
„ Interest	9,960	0	0				„ Commission	24	7	5			
„ Studentship Examination fees ...	224	0	0				„ Remuneration to Examiners	1,454	0	0			
											15,078	7	5
							Balance in the Bank ...	.....			8,860	13	8
TOTAL Rs ...	.....			23,939	5	1	TOTAL Rs ...	.....			23,939	5	1

Statement of Securities in custody of the Bank of Bengal on account of Duff Memorial Fund.

4 per cent. reduced Loan	of 1879,	No. 51	Book Debt,	Rs.	2,500
„ „	of 1865	„ 171	„	„	18,000
„ „	of 42-43	„ 112	„	„	1,500
„ „	of 1854-55		„	„	3,000
„ „	of 1865	„ 975	„	„	2,000
				Rs.	27,000

Dr. *Account, Duff Memorial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	826	10	5				By Scholarships ...	1,095	0	0			
„ Interest	1,540	0	0				„ Commission	3	11	10			
„ Refund of Scholarship ...	45	0	0								1,098	11	10
							Balance in the Bank ...	.....			1,312	14	7
TOTAL Rs ...	.....			2,411	10	5	TOTAL Rs ...	.....			2,411	10	5

Statement of Securities in custody of the Bank of Bengal on account of Tagore Law Professorship Fund
7/4 per cent. Loan of 1865, No. 170, Book Debt, Rs. 3,00,000.

Dr — *Account, Tagore Law Professorship Fund.* — *Cr.*

	Rs As. P.	Rs As. P.		Rs As P.	Rs As. P.
To Balance on the 31st March, 1892	9,783 13 0		By Professor's salary ...	12,500 0 0	
„ Interest	18,000 0 0		„ Commission	45 0 0	
			„ Advertisement	111 7 6	
			„ Contingencies	0 8 0	
					12,656 15 6
			Balnce in the Bank ...	.....	15,126 13 6
TOTAL Rs ...	.....	27,783 13 0	TOTAL Rs ..	.....	27,783 13 0

Statement of Securities in custody of the Bank of Bengal on account of Eshan Scholarship Fund
4 per cent. reduced Loan of 1879, No. 52, Book Debt, Rs. 12,000
7/4 „ of 1865, „ 173 „ „ 500
5/4 „ of 42-43 „ 113 „ „ 500
Rs. 13,000

Dr. — *Account, Eshan Scholarship Fund.* — *Cr.*

	Rs As. P.	Rs As. P		Rs As P.	Rs As. P.
To Balance on the 31st March, 1892	1,445 0 2		By Commission	1 5 3	
„ Interest	530 0 0		„ Scholarship	500 0 0	
					501 5 3
			Balance in the Bank ...		1,473 10 11
TOTAL Rs ...	.....	1,975 0 2	TOTAL Rs ...	.....	1,975 0 2

Statement of Securities in custody of the Bank of Bengal on account of Rádhákánta Memorial Fund.
5 per cent. Municipal Debentures of 1890-91, Nos. 154 and 155, at Rs. 1,000 each, Rs. 2,000.

Dr. *Account, Rádhákánta Memorial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	145	4	10	By Commission	0	12	0			
„ Interest	150	0	0	„ Postage	0	2	0			
				„ Master of the Mint for Gold Medal	138	0	0			
								138	14	0
				Balance in the Bank ...				156	6	10
TOTAL Rs ...	295	4	10	TOTAL Rs ...	.....			295	4	10

Statement of Securities in custody of the Bank of Bengal on account of Mouat Testimonial Fund.
5 per cent. Municipal Debenture of 1884-85, No. 669, Rs. 1,000
„ „ „ „ „ 704 500
Rs. 1,500

Dr. *Account, Mouat Testimonial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892	115	5	7				By Commission	0	3	0			
„ Interest	75	0	0				„ Mint Master for Gold Medal	138	0	0			
											138	3	0
							Balance in the Bank ...				52	2	7
TOTAL Rs ...	.....			190	5	7	TOTAL Rs ...	.....			190	5	7

Statement of Securities in custody of the Bank of Bengal on account of Harischandra Prize Fund.

5 per cent Municipal Debenture of 1884-85, No. 602, Rs. 2,000.

5 per cent. Municipal Debenture of 1878, No. 113, Rs. 500.

Dr. *Account, Harischandra Prize Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892	199	15	8				By Commission	0	12	0			
,, Interest	125	0	0				Balance in the Bank ...	324	3	8			
TOTAL Rs ...	.....			324	15	8	Total Rs ...	.....			324	15	8

Statement of Securities in custody of the Bank of Bengal on account of Ritchie Memorial Fund.

5/4 per cent. loan of 1842-43, No. 48 Book Debt, Rs 1,100
4 „ „ of 1865, „ 976 „ „ 400

Rs 1,500

Dr. *Account, Ritchie Memorial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1893	107	5	11				By Prize	120	0	0			
,, Interest	68	0	0				,, Commission	0	2	6			
											120	2	6
							Balance in the Bank ...	.....			55	3	5
TOTAL Rs ...	.....			175	5	11	TOTAL Rs ...	.....			175	5	11

Statement of Securities in custody of the Bank of Bengal on account of Woodrow Memorial Scholarship Fund.
5/4 per cent. loan of 1842-43, No. 47, Book Debt, Rs. 4,800.

Dr. *Account, Woodrow Memorial Scholarship Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	298	0	2				By Scholarships ...	240	0	0			
„ Interest	192	0	0				„ Commission	0	7	8			
											240	7	8
							Balance in the Bank ...	.....			249	8	6
TOTAL Rs ...	.....			490	0	2	TOTAL Rs ...	.....			490	0	2

Statement of Securities in custody of the Bank of Bengal on account of Herschel Testimonial Fund.
7/4 per cent. loan of 1865, No. 218, Book Debt, Rs 1,800.

Dr. *Account, Herschel Testimonial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	0	4	3			
„ Interest	108	0	0	„ Mint Master for medal ...	71	13	2			
								72	1	5
				Balance in the Bank ...	.....			35	14	7
TOTAL Rs ...	108	0	0	TOTAL Rs ...	.....			108	0	0

Statement of Securities in custody of the Bank of Bengal on account of Pacheti Sanskrit Prize Fund.
4 per cent. loan of 1854-55, No. · Book Debt, Rs 2,000.

Dr. *Account, Pacheti Sanskrit Prize Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	160	10	1	By Commission	0	4	9			
„ Interest	120	0	0	„ Prize	125	0	0			
								125	4	9
				Balance in the Bank ...	.....			155	5	4
TOTAL Rs ...	280	10	1	TOTAL Rs ...	.....			280	10	1

Statement of Securities in custody of the Bank of Bengal on account of Dwarkanath Memorial Fund.
7/4 per cent. loan of 1865, No. 363, Book Debt, Rs 500.
5/4 „ „ of 1842-43, „ 99 „ „ 5,000——5,500.

Dr. *Account, Dwarkanath Me ial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As	P.	Rs	As.	P.
To Balance on the 31st March, 1892	439	4	4				By Scholarships	256	0	0			
„ Interest	230	0	0				„ Commission	0	9	3	256	9	3
							Balance in the Bank ...				412	11	1
TOTAL Rs ...	.....			669	4	4	TOTAL Rs ...	.....			669	4	4

Statement of Securities in custody of the Bank of Bengal on account of Sir J. M. Tagore's Medal Fund, 5/4 per cent. loan of 1842-43, No. 105; Book Debt, Rs 3,500.

Dr. *Account, Maharaja Sir J. M. Tagore's Medal Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	266	0	8				By Commission... ...	0	5	8			
„ Interest	140	0	0				„ Mint Master for medals...	159	8	0			
											159	13	8
							Balance in the Bank ...				246	3	0
TOTAL Rs ...	.....			406	0	8	TOTAL Rs ...	.....			406	0	8

Statement of Securities in custody of the Bank of Bengal on account of McCann Memorial Fund. 7/4 per cent. loan of 1865, No. 558, Book Debt, Rs 500.

Dr. *Account, McCann Memorial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	45	2	7	By Commission	0	1	3			
„ Interest	30	0	0	„ Mint Master for medal ...	19	4	0			
								19	5	3
				Balance in the Bank ...				55	13	4
TOTAL Rs ...	75	2	7	TOTAL Rs ...	.....			75	2	7

Statement of Securities in custody of the Bank of Bengal on account of University Reserve Fund.

4 per cent. loan of 1865,	No.	483,	Book Debt,	Rs	12,500.	4 per cent. loan of 1865,	No.	936,	Book Debt,	Rs	20,000
„	„	684,	„	„	15,000.	„	„	960,	„	„	20,000
„	„	792,	„	„	12,500.	„	„	3,17, 144	„	„	25,000
„	„	856,	„	„	10,000.	„	„	.....	„	„	40,000
„	„	896,	„	„	10,000.	„	„	.....	„	„	10,000
										Rs	1,75,000

Dr. *Account, University Reserve Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	15	12	0			
„ Interest	8,300	0	0	„ Cost of Government Security ...	53,445	2	1			
„ Advance from the Fee Fund ...	3,291	12	0	„ Payment of loan to the Fee Fund	3,291	12	0			
„ Contribution from the Fee Fund ...	45,165	14	1					56,732	10	1
				Balance in the Bank ...	.....			5	0	0
TOTAL Rs ...	56,757	10	1	TOTAL Rs ...	.....			56,757	10	1

Statement of Securities in custody of the Bank of Bengal on account of Saradaprasad Memorial Fund.

4 per cent. loan of 1842-43,	No.	143,	Book Debt,	Rs	5,000
„	„	162,	„	„	3,500
				Rs	8,500

Dr. *Account, Saradaprasad Memorial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	1,268	15	5				By Commission	0	10	10			
„ Interest	340	0	0				„ Prize	87	8	0			
							„ Scholarships... ...	100	0	0			
											188	2	10
							Balance in the Bank ...	.....			1,420	12	7
TOTAL Rs ...	.....			1,608	15	5	TOTAL Rs ...	.....			1,608	15	5

Statement of Securities in custody of the Bank of Bengal on account of Peary Chand Mitter Memorial Fund.
7/4 per cent. loan of 1865, No. 681, Book Debt for Rs. 500.

Dr. *Account, Peary Chand Mitter Memorial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	43	8	11	By Commission	0	1	3			
„ Interest...	30	0	0	„ Mint Master for medal ...	19	4	0			
								19	5	3
				Balance in the Bank ...	.....			54	3	8
TOTAL Rs ...	73	8	11	TOTAL Rs ...	.....			73	8	11

Statement of Securities in custody of the Bank of Bengal on account of Hemantakumar Memorial Fund.
4 per cent. loan of 1865, No. 815, Book Debt for Rs. 2,500.

Dr. *Account, Hemantakumar Memorial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs.	As.	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	0	6	0			
„ Interest	150	0	0	„ Mint Master for medal ...	99	12	0			
								100	2	0
				Balance in the Bank ..	.....			49	14	0
TOTAL Rs ...	150	0	0	TOTAL Rs ...	.....			150	0	0

Statement of Securities in custody of the Bank of Bengal on account of Padmavati Medal Fund.
4 per cent. loan of 1865, No. 914, Book Debt for Rs 2,500.

Dr. *Account, Padmavati Medal Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	56	15	2	By Commission	0	6	0			
„ Interest	150	0	0	„ Mint Master for medal ...	148	0	0			
								148	6	0
				Balance in the Bank ...				58	9	2
TOTAL Rs ...	206	15	2	TOTAL Rs ...	.....			206	15	2

Statement of Security in custody of the Bank of Bengal on account of Sonamani Prize Fund.
4 per cent. loan of 1865, No. 288876 for Rs. 1,000.

Dr. *Account, Sonamani Prize Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	0	2	6			
„ Interest	60	0	0	„ Prize	39	14	4			
								40	0	10
				Balance in the Bank ...				19	15	2
TOTAL Rs ...	60	0	0	TOTAL Rs...	.....			60	0	0

Statement of Security in custody of the Bank of Bengal on account of Philip Smith Memorial Fund.
4 per cent. loan of 1842-43, No. 097172, Book Debt, Rs 1,000.

Dr. *Account, Philip Smith Memorial Fund.* *Cr.*

	Rs As. P.	Rs As. P.		Rs As. P.	Rs As. P.
To Balance on the 31st March, 1892 ...	39 14 4		By Commission ...	0 1 8	
,, Interest	40 0 0		,, Prize	40 0 0	
					40 1 8
			Balance in the Bank ...		39 12 8
TOTAL Rs ...	.....	79 14 4	TOTAL Rs ...	.....	79 14 4

Statement of Security in custody of the Bank of Bengal on account of Jaynarayan Prize Fund.
4 per cent. loan of 1854-55, No. 061435, Rs 500.

Dr: *Account, Jaynarayan Prize Fund.* *Cr.*

	Rs As. P.	Rs As. P.		Rs As. P.	Rs As. P.
To Balance on the 31st March, 1892 ...	29 13 0		By Commission	0 1 3	
,, Interest	30 0 0		,, Prize	30 0 0	
					30 1 3
			Balance in the Bank ...		29 11 9
TOTAL Rs ...	59 13 0		TOTAL Rs ...	.....	59 13 0

Dr. *Account, Ambikacharan Chaudhuri's Medal Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	120	7	10	By Messrs. Hamilton & Co. for medal ...	48	0	0			
„ Interest	83	12	9	Balance in the Bank ...	156	4	7			
TOTAL Rs ...	204	4	7	TOTAL Rs ...	.....			204	4	7

of Security in custody of the Bank of Bengal on account of Trevor Testimonial Fund.
4 per cent. loan of 1842-43, No. Rs 1,400.

Dr. *Account, Trevor Testimonial Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	0	2	2			
„ Interest	56	0	0	„ Mint Master for medal ...	19	4	0			
								19	6	2
				Balance in the Bank ...	.....			36	9	10
TOTAL Rs ...	56	0	0	TOTAL Rs ...	.....			56	0	0

Statement of Securities in custody of the Bank of Bengal on account of Kesab Memorial Fund.

4 per cent. loan of 1842-43, Nos. C142534, C114671, Rs. 5,000
" " " " 166965 " 2,000
" " " " 181421 " 1,000

Rs ... 8,000

Dr. *Account, Kesab Memorial Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892	177	2	3				By Commission	0	12	10			
" Interest	320	0	0				" Prize	240	0	0			
							" Mint Master for medal ...	138	0	0			
											378	12	10
							Balance in the Bank	.....			118	5	5
TOTAL Rs ...	.....			497	2	3	TOTAL Rs ...				497	2	3

Statement of Securities in custody of the Bank of Bengal on account of Prasannakumar Sarbadhikari Memorial Fund.

4 per cent. Municipal debentures, No. 186, dated 1st February, 1885 Rs. 1,000
" " " " 536, " " September, " " 500

Rs ... 1,500

Dr. *Account, Prasannakumar Sarbadhikari Memorial Fund* *Cr.*

	Rs	As	P.	Rs	As.	P.		Rs	As.	P.	Rs	As.	P.
To Balance on the 31st March, 1892 ...	11	15	0				By Commission	0	10	0			
" Interest	73	0	10				" Mint Master for medal ...	48	2	5			
											48	12	5
							Balance in the Bank ...	.....			36	3	5
TOTAL Rs ...	84	15	10				TOTAL Rs ...	.....			84	15	10

Statement of Security in custody of the Bank of Bengal on account of Goodeve Memorial Fund
4 per cent. loan of 1865, No. 254906 for Rs 500.

Dr. *Account, Goodeve Fund* *Cr.*

	Rs	As	P		Rs	As.	P	Rs	As	P.
To Balance on the 31st March, 1892 ...	.....			By Commission	0	1	3			
„ Interest	30	0	0	„ Mint Master for medal ...	19	4	0			
				Balance in the Bank ...				19	5	3
								10	10	9
TOTAL Rs ...	30	0	0	TOTAL Rs ..	.....			30	0	0

Statement of Security in custody of the Bank of Bengal on account of Jatindrachandra Fund.
4 per cent loan 1842 43, No 205422, Book Debt for Rs. 800

Dr. *Account Jatindrachandra Fund* *Cr.*

	Rs	As	P	Rs	As.	P		Rs	As.	P	Rs	As	P.
To a donation from the Hon'ble Dr. Gooroo Dass Banerjee ...	1,000	0	0				By Cost of Government Security...	884	3	11			
„ Interest	32	0	0				„ Commission	0	1	4			
							„ Mint Master for a die ...	75	0	0			
							„ Ditto for medal ...	19	4	0			
							„ Prize	20	0	0			
											998	9	3
							Balance in the Bank ...				33	6	9
TOTAL Rs ...	.....			1,032	0	0	TOTAL Rs ...	.....			1,032	0	0

Statement of Security in custody of the Bank of Bengal on account of McLeod Fund.
4 per cent. loan of 1842-43, No. 218455 for Rs 1,000.

Dr. *Account, McLeod Medal Fund.* *Cr.*

	Rs. As. P.	Rs. As. P.		Rs. As. P.	Rs. As. P.
To a donation received through the Principal, Medical College	1,300 0 0		By Cost of Government Security	1,077 10 4	
„ Interest	20 0 0		„ Commission	0 0 10	
			„ Mint Master for a die ...	75 0 0	
			„ Messrs. Hamilton & Co. for medal	50 0 0	
					1,202 11 2
			Balance in the Bank ...	.....	117 4 10
TOTAL Rs ...	.....	1,320 0 0	TOTAL Rs ...	.....	1,320 0 0

Statement of Security in custody of the Bank of Bengal on account of Bishnupriya Debi Prize Fund.
4 per cent. loan of 1842-43, No. for Rs 300.

Dr. *Account, Bishnupriya Debi Prize Fund.* *Cr.*

	Rs. As. P.	Rs. As. P.		Rs. As. P.	Rs. As. P.
			By Commission	0 0 3	
To a donation from Rai Gunabhiram Barua, Bahadur ...	30 0 0		„ Prize	30 0 0	
„ Interest	6 0 0				30 0 3
			Balance in the Bank ...	.....	5 15 9
TOTAL Rs ...	.....	36 0 0	TOTAL Rs ...	.....	36 0 0

Statement of Security in custody of the Bank of Bengal on account of Vidyáságar Fund.
4 per cent. loan of 1842-43, No. for Rs 500.

Dr. *Account, Vidyáságar Fund.* *Cr.*

	Rs	As.	P.		Rs	As.	P.
To Subscriptions received from the Honorary Secretary, Vidyáságar Memorial Fund ...	560	0	0	By Cost of Government Security ...	529	8	10
				Balance in the Bank ...	30	7	2
TOTAL Rs ...	560	0	0	TOTAL Rs ...	560	0	0

Statement of Securities in custody of the Bank of Bengal on account of Sibley Scholarship Fund.

4 per cent. loan of 1865, No. for Rs 12,000.
" " " " " " 1,500.
Rs 13,500.

225 Goosery Cotton Mill's shares of the nominal value of Rs. 100 each per share.

Dr. *Account, Sibley Scholarship Fund.* *Cr.*

	Rs	As.	P.	Rs	As.	P		Rs	As.	P	Rs	As.	P.
To Advance from the Fee Fund ...	700	0	0				By Messrs. Wilson and Chatterjee, for part payment of the Court duty	700	0	0			
" Sale proceeds of 25 Goosery Cotton Mill's shares of the nominal value of Rs. 200, at Rs. 145 per share ...	3,575	0	0				" Messrs. Wilson, and Chatterjee, for payment of Legacy duty, Administration duty and Attorney's cost ...	4,250	0	0			
" Sale proceeds of 25 Goosery Cotton Mill's shares of the nominal value of Rs. 100, at Rs. 84 per share	2,100	0	0				" Payment of advance from the Fee Fund	700	0	0			
" Sale proceeds of 100 Goosery Cotton Mill's shares of the nominal value of Rs. 100, at Rs. 83 per share	8,300	0	0				" Commission and brokerage...	211	10	0			
" Sale proceeds of 50 Goosery Cotton Mill's shares of the nominal value of Rs. 100 at Rs. 85 per share	4,250	0	0				" Share-transfer stamps ...	38	12	0			
							" Cost of Government Security.	14,417	8	7			
" Dividend	1,475	0	0				" Commission	0	10	5			
From Mr. Horace Wilson ...	700	0	0								20,318	9	0
Interest	290	0	0				Balance in the Bank ...	.....			1,071	7	0
TOTAL Rs ...				21,390	0	0	TOTAL Rs ...				21,390	0	0

RESOLVED—

That accounts when audited be laid before the Senate together with the Auditor's report.

123. The Registrar laid before the Syndicate for orders the correspondence that passed between this office and the Public Works Department, regarding the payment of a bill for certain repairs to the University building.

RESOLVED—

That the Registrar be requested to forward to the Under-Secretary to the Government of Bengal in the Public Works Department, a copy of a communication from the Under-Secretary to the Government of India, in the Home Department, No. 162, dated the 26th June, 1878, in which it is distinctly laid down that all repairs to the University building of a permanent nature are to be entrusted to an officer of the Public Works Department, and to point out that the work in question was conducted under the orders and direct supervision of the Executive Engineer, 2nd Calcutta Division, and by a contractor appointed by the Department.

124. Read an application from Susilkumar Bhattacharyya, an unsuccessful candidate at the last B. A. examination, praying that his answer papers in Philosophy may be re-examined.

RESOLVED—

That the application be rejected.

125. The Registrar stated that it was necessary to appoint a gentleman to set papers in Geology, Mineralogy and Physical Geography for the ensuing B. A. examination.

RESOLVED—

That Dr. W. King be appointed to set papers in Geology, Mineralogy and Physical Geography for the ensuing B. A. examination,

126. On a reference from the Registrar it was

RESOLVED—

That a bonus of Rs. 390, Rs. 210, Rs. 150, Rs. 90 and Rs. 75 be paid to the First, Second, Third, Fourth and Fifth Assistants respectively, being three months, pay in each case, for extra work in connection with examinations.

127. The following contingent bills for the months of April, May and June, 1893, were passed :—

	Rs.	As.	P.	Rs.	As.	P.
3 Bills, Punkha-pullers' wages for the months of March, April and May, 1893	18	11	4			
1 Bill, Expenses incurred during the examination held at Jaffna ...	132	13	5			
1 „ Do. do. Kandy ...	46	8	6			
1 „ Do. do. Colombo.	37	0	10			
2 Bills, Collector of Stamps for service labels	200	0	0			
1 Bill, A. Thomson, Esq., fee for tabulating the results of the Arts examination	600	0	0			
1 „ J. H. Gilliland, Esq., fee for tabulating the results of the Arts examination	600	0	0			
1 „ Chandramohan Tarkalankar fee for correcting the proofs of the Calcutta University Sanskrit Selections for 1895 ...	250	0	0			
1 „ Harimohan Bidyabhushan fee for correcting the proofs of the Calcutta University Sanskrit Selections for 1895 ...	100	0	0			
1 „ Messrs. B. Banerjee & Co., prize books	100	0	0			
1 „ Messrs. Thacker, Spink & Co., for books	23	0	0			
1 „ Messrs. W. Newman & Co., for printing jobs	63	8	0			
2 Bills, Do. do. do. ...	179	12	0			
1 Bill, Superintendent, B. M. Press, for printing examination papers ...	489	4	0			
1 „ Superintendent, B. M. Press, for printing Bengali Selections ...	496	13	0			
1 „ Superintendent, B. M. Press, for printing Calendar, Part III ...	844	2	0			
1 „ Superintendent, B. M. Press, for printing Sanskrit Selections ...	751	14	0			
1 „ Superintendent, Catholic Orphan Press, for printing jobs ...	5	0	0			
1 „ Do. do. do. ...	33	12	0			
1 „ Superintendent, Government of India Press, for printing jobs ...	179	15	2			
2 Bills, Conveyance hire to Sergeants of the Medical College for superintending the Medical examination	36	0	0			
1 Bill, Principal, Calcutta Madrasa, cost of books	5	1	6			
Carried over ...	5,193	3	9			

	Rs.	As.	P.	Rs	As.	P.
Brought forward ...	5,193	3	9			
1 Bill, Reporter's fee	25	0	0			
1 „ D. D. Mehta—Examination expenses	5	15	6			
1 „ Dr. M. A. Stein—Examination expenses	2	2	0			
1 „ Duffry—Examination expenses ...	3	3	0			
2 Bills, Collector to the Corporation House, Waters, Police and Lighting Taxes, 1st quarter, 1893-94	292	8	0			
1 Bill, *Statesman*—Advertisemnt ...	3	8	0			
1 „ Mr. W. H. Jobbins—for printing Drawing papers	37	11	6			
Advance to the Reserve Fund ...	3,291	12	0			
Contribution to the Reserve Fund ...	45,165	14	0			
Bank of Bengal postage	0	4	0			
Do. do.	0	9	0			
Do. Receipt Stamps ..,	0	3	0			
Commission to Messrs. Thacker, Spink & Co., on the University publications	169	12	0			
1 Bill, Contingencies	50	2	6			
1 „ Do.	6	4	5			
1 „ Do.	4	15	6			
				54,253	0	2
Remuneration.						
Babu Brajendranath Chatterjee, difference of remuneration				1	0	0
Account, Ritchie Fund.						
1 Bill, Messrs. Thacker, Spink & Co., prize books				60	0	0
Account, Jatindrachandra Fund.						
1 „ Messrs. S. K. Lahiri & Co., prize books				20	0	0
Account, Reserve Fund.						
Payment of advance from the Fee Fund				3,291	12	0
Bishnupriya Debi Prize Fund.						
1 Bill, Messrs. S. K. Lahiri & Co., prize books				30	0	0
Account, Pacheti Prize Fund.						
1 „ Messrs. S. K. Lahiri & Co., prize books				80	0	0
TOTAL RS.				57,735	12	2

W. GRIFFITHS,
Registrar.

(Confirmed.)
MAHENDRALALL SIRCAR,
Chairman.

MINUTES

OF

THE FACULTY OF ARTS

FOR THE YEAR 1893-94.

No. 1.

THE 15TH JULY, 1893.

Present:

DR. C. A. MARTIN, *President, in the Chair.*

REV. J. P. ASHTON, M.A.
DR. MAHENDRALAL SIRCAR, C.I.E.
COL. H. S. JARRETT.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYRATNA, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
W. GRIFFITHS, ESQ., M.A.
BABU GAURISANKAR DE, M.A., B.L.
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
REV. J. HECTOR, M.A.
BABU NILMANI MUKERJEE, M.A., B.L.
SHAMS-UL-ULAMA MAULAVI ABDUL HAI.
NAWAB MEER MOHAMED ALI
BABU HARAPRASAD SASTRI, M.A.
BABU UMESCHANDRA DATTA, B.A.
W. KING, ESQ., B.A., D.Sc., F.G.S.
SHAMS-UL-ULAMA SHAIKH MAHMUD GILANI.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
REV. H. WHITEHEAD, M.A.
BABU BIPINBIHARI GUPTA, M.A.
REV. J. MORRISON, M.A., B.D.
BABU MAHENDRANATH RAY, M.A., B.L.
REV. A. P. BEGG, B.A.
C. R. WILSON, ESQ., M.A.

128. The Faculty met to fill up vacancies in the Boards of Studies.

The Registrar reported that under Section 3 of the Bye-laws relating to the Boards of Studies, the under-

mentiond gentlemen had vacated their seats at the respective Boards :—

Date of appointment	*Board of Studies in English.*
1890	Rev. J. P. Ashton, M.A.
„	Babu Krishnabihari Sen, M.A.

Board of Studies in Arabic, Persian and Urdu.

1890. Maulavi Muhammad Yousuff, Khan Bahadur, B.L.

Board of Studies in Mathematics.

1890 G. W. Kuchler, Esq., M.A.
„ C. Little, Esq, M.A.

Board of Studies in History, Political Economy and Geography.

1890. The Hon'ble Mr. Justice Ameer Ali, C.I E.

These and other existing vacancies in the Boards were filled up by the election of the following gentlemen :—

Board of Studies in English.

Dr. C. A. Martin
Rev. J. Hector, M.A.
J. Mann, Esq, M.A.
Rev. J. Morrison, M.A, B D.
C. R. Wilson, Esq., M.A

Board of Studies in Greek, Latin, &c.

Rev. J. Hector, M.A.
J. Mann, Esq., M.A.
C. R. Wilson, Esq., M.A.
Babu Narendralal De, M.A., B.L.

Board of Studies in Sanskrit and Sanskritic languages.

J. Mann, Esq., M.A.

Board of Studies in Arabic, Persian and Urdu

Maulavi Muhammad Yousuff, Khan Bahadur, B.L

Board of Studies in Mathematics.

Rev. J. P. Ashton, M.A.
C. Little, Esq., M.A.
Babu Narendralal De, M.A., B.L.

Board of Studies in Biology and Geology.

Babu Nilratan Sarkar M.A., M.D.

Board of Studies in History, Political Economy and Geography.

J. Mann, Esq., M.A.
Babu Umeschandra Datta, B.A.
Rev. J. Morrison, M.A., B.D.
Babu Narendralal De, M.A., B.L.

Board of Studies in Chemistry.

P. K. Ray, Esq., D.Sc.

Board of Studies in Mental and Moral Science.

C. R. Wilson, Esq., M.A.

W. GRIFFITHS,
Registrar.

(Confirmed.)
C. A. MARTIN,
President.

MINUTES.

OF

THE FACULTY OF MEDICINE

FOR THE YEAR 1893-94.

No. 1.

THE 26TH JULY, 1893.

Present:

SURGEON LIEUT.-COL. J. F P MCCONNELL, M.D., F.R.C.P., *President, in the Chair.*

RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
BABU JAGABANDHU BOSE, M.D
BABU SURYYAKUMAR SARBADHIKARI.
RAI LALMADHAB MUKERJEE, BAHADUR, L.M.S.
BABU DEBENDRANATH RAY, L.M.S.
SURGEON-MAJOR C. J. H. WARDEN, M.D.
RAI TARAPRASANNA RAY, BAHADUR, F.C.S.
MAULAVI ZAHERUDDIN AHMED, L.M.S.
BABU KAILASCHANDRA BASU, L.M.S.
SURGEON LIEUT.-COL. C. H. JOUBERT, M.B., F.R.C.S.
BABU NILRATAN SARKAR, M.A., M.D.

129. The Faculty met to consider, at the request of the Syndicate, the following letter:—

"FROM

THE PRESIDENT OF THE MEDICAL FACULTY,
UNIVERSITY OF CALCUTTA,

TO

THE REGISTRAR, UNIVERSITY OF CALCUTTA.

Dated the 12th April, 1893.

SIR,

I have the honour to address you with respect to the University Regulations for the M. D. (Doctorate of Medicine) degree.

2. At present no Bachelor of Medicine may proceed to the Doctorate degree without also possessing the Bachelor of Arts degree. This renders the acquisition of the M. D. degree practically prohi-

bitive to the very great majority of our Bachelors of Medicine, and I have reason to know is a cause of very great disappointment and dissatisfaction.

3. For the M. B. degree the preliminary qualification in general knowledge is the F. A. Examination, after passing which the student joins the Medical College, and his curriculum there extends over five (5) years. During the whole of this period his time is fully occupied in acquiring a knowledge of the profession he has chosen, and leaves him no leisure for the study of classics and mathematics such as is required for the B. A. degree.

4. I presume that the M. D. degree is for the Medical student the equivalent of the M. A. degree to the student in Arts *i.e.*, the highest academical distinction obtainable at the University, yet a glance at the Calendar will shew that whereas there are over 900 Masters of Arts on the University rolls, there are only 8 Doctors of Medicine.

This of itself is an indication that there is some cause which operates very prohibitively in regard to the latter degree, and that cause I believe to be the requirement by the University regulations of the B. A. degree as one of the necessary qualifications for procedure to the M. D degree.

5. I beg to point out that the position of the Calcutta University with reference to this qualification is almost anomalous when compared with the rules and regulations which obtain in the Universities in Great Britain in regard to the Doctorate of Medicine. In all the English, Scotch and Irish Universities (with one exception to which I shall presently refer) the M. D. degree is an *Honorary one*. Professional examinations cease with the acquirement of the M. B. degree, and for promotion to M. D. all that is necessary is that the candidate shall either (1) keep his name on the books of his college for a certain number of terms (Oxford, Cambridge, Dublin), or shall have held the M. B. degree for a certain number of years (at least two years) *e.g.*, Edinburgh, Aberdeen, Glasgow, Victoria, &c.; (2) that he shall have attained a certain age (24 or 25 years); (3) that he shall write a *thesis* on some professional subject of his own choosing; and (4) that he shall pay a certain fee for the degree when conferred upon him.

The London University is the only one which demands a further professional examination for the M. D. degree.

Further, with the exception of Oxford and Dublin no other University now in Great Britain or Ireland insists upon graduation in Arts (B. A.) as a necessary qualification for the M. D. degree.

The Calcutta University may be regarded as resembling more nearly in its functions the University of London than any other British University, since it is simply an Examining Body, and demands no residential qualifications. If this be granted, then I have to point out that although the London University require a special professional examination for the M. D. degree yet it does not insist on the B. A. as a necessary qualification. The Matriculation Examination which precedes professional study and examinations is all that is required for both degrees, M. B. and M. D., and I venture to affirm that the F. A. examination of the Calcutta University is fully equal to their Matriculation Examination.

6. I therefore beg the favour of your bringing this matter before the Syndicate for consideration and with a view to the relief of a large

body of graduates upon whom the present Regulations for the M. D. degree bear with undue, and, in my opinion, unnecessary severity.

7. I am in favour of a professional examination (as laid down by existing University rules) being retained; and, perhaps to further assimilate the course to that of British Universities, it may be thought advisable to insist upon the submission of a *thesis* to be written by each candidate for the M. D. degree prior to admission to the professional examination, the said *thesis* to be approved of by the Faculty of Medicine.

I have the honour to be,

SIR,

Your most obedient Servant,

(Sd.) J. F. P. McCONNELL, M.D., F.R.C.P., LOND.,

President of the Medical Faculty."

The letter, which was circulated among the members of the Faculty, having been taken as read, Dr. C. H. Joubert moved "That clause (*a*) in para. 2. of the Regulations for the degree of Doctor in Medicine (page 63 of the University Calendar for 1893), excluding from admission to the examination for the degree all such Bachelors of Medicine as have not passed the B. A. examination, be rescinded as a hardship and as being not in accordance with the Regulations of any existing British University."

The motion was seconded by Maulavi Zahiruddin Ahmed.

Dr Nilratan Sarkar moved as an amendment that the consideration of the question be postponed.

Babu Suryyakumar Sarbadhikari seconded the amendment, which was then put to the vote and lost.

The original motion was then put to the meeting and was carried.

W. GRIFFITHS,

Registrar.

(Confirmed.)

J. F. P. McCONNELL, M.D., F.R.C.P., LOND.,

President.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 2.

THE 19TH AUGUST, 1893.

Present:

THE HON'BLE MR. JUSTICE PIGOT, *Vice-Chancellor, in the Chair.*

REV. JOHN P. ASHTON, M.A.
DR. MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
W. GRIFFITHS, ESQ., M.A.
F. J. ROWE, ESQ., M.A.
THE HON'BLE DR. RASHBIHARY GHOSE, M.A.
MAULAVI MUHAMMUD YOUSOOF, KHAN BAHADUR, B.L.
BABU GAURISANKAR DE, M.A., B.L.
BABU DINABANDHU DATTA.
BABU DEBENDRANATH RAY, L.M.S.
H. M. PERCIVAL, ESQ., M.A.
REV. J. HECTOR, M.A.
BABU BHOLANATH PAL, M.A.
RAI TARAPRASANNA RAY, BAHADUR, F.C.S.
BABU HARAPRASAD SASTRI, M.A.
BABU UMESCHANDRA DATTA, B.A.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
REV. H. WHITEHEAD, M.A.
REV. JOHN MORRISON, M.A., B.D
RAI GUNABHIRAM BARUYA, BAHADUR
BABU MAHENDRANATH RAY, M.A., B.L.
REV. A. P. BRGG, B.A.
C. R. WILSON, ESQ., M.A.
BABU NILRATAN SARKAR, M.A., M.D.

130. The Vice-Chancellor said that the first business before the meeting was to consider the following recommendations of the Syndicate :—

(a). That in the first foot-note in page 79 of the University Calendar for 1893 (Appendix A) the words "It is in the power of the Syndicate to refuse to recognise any school unless it is certified by a Government Inspector of Schools, as having been in existence since the 1st of July next preceding the examination, and as qualified to teach up to the Entrance Standard. The Syndicate may also refuse to recognise any school that shows year after year bad results, or which appears to the Syndicate to be from any cause injurious to the interests of sound education and discipline," be omitted.

(b). That the first foot-note in page 94 of the University Calendar for 1893 (Appendix A) be omitted.

Babu Asutosh Mukerjee moved that the above recommendations of the Syndicate be adopted. The mover explained that on the occasion when the affiliation rules

were passed on the 7th December last, which had since received the sanction of the Government of India, paragraphs 5 and 6 contained provisions which were identical with those contained in the first foot-note in the Calendar for 1893. It was therefore no longer necessary to retain them, they being now superfluous.

Babu Kalicharan Banerjee seconded the motion, which was put to the vote and carried unanimously.

131. The Vice-Chancellor said that the next matter was to consider the recommendation of the Syndicate that in para. 2 of the Bye-Laws relating to the Board of Accounts passed by the Senate at their meeting held on the 17th December, 1892, the words, "The three members shall constitute a quorum," be added.

Babu Asutosh Mukerjee moved that the above recommendation of the Syndicate be adopted.

Babu Umeschandra Datta seconded the motion, which was put to the vote and carried unanimously.

132. The Vice-Chancellor said that the next item of business was for the Syndicate to lay before the Senate the recommendation of the Faculty of Law, that Sir Frederick Pollock, Bart., be appointed Tagore Law Professor for the year 1893-94, and that the subject of his lectures be the law relating to fraud, misrepresentation and mistake in British India.

The Vice-Chancellor, in placing the above resolution before the meeting, said: "As Vice-Chancellor and a Judge here I congratulate the Senate on having the opportunity of electing as Tagore Professor, a person of such distinction, one who, as many of us know from his writings, both in learning and in the exposition of legal principles, worthily carries on the distinguished name he bears, the name of the eminent Judge whose descendant he is: who so long filled the office of Lord Chief Baron of the Exchequer in England."

Dr. Rashbihary Ghose moved that the recommendation of the Faculty of Law be accepted.

Babu Kalicharan Banerjee seconded the motion, which was then put to the meeting and was carried by acclamation.

W. GRIFFITHS,
Registrar.

(Confirmed).
JONES Q. PIGOT,
Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 5.

THE 19TH AUGUST, 1893.

Present:

DR. MAHENDRALAL SIRCAR, C.I.E., *in the Chair.*

A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR RASHBIHARY GHOSE, M.A.
MAULAVI MUHAMMUD YOUSOOF, KHAN BAHADUR, B.L.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
SURGEON LIEUT-COL. J. F. P. MCCONNELL, M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

133. The Minutes of the meeting of the Syndicate held on the 8th July, were read and confirmed.

134. Read the Minutes of the Faculty of Arts, dated the 15th July.

ORDERED—

To be recorded.

135. Read the Minutes of the Faculty of Medicine, dated the 26th July.

Read also a letter from Dr. Nilratan Sarkar, a Member of the Senate, forwarding a note on the change in the Regulations recommended by the Faculty of Medicine at their meeting held on the 26th July, affecting the standard of the examination for the M. D. degree.

RESOLVED—

That the Syndicate regret their inability to accept the recommendation of the Faculty.

136. Read the Proceedings of the Board of Studies in Sanskrit and Sanskritic languages, dated 19th July.

Read also the following :—

A letter from Babu Herambachandra Maitra, M.A., and Babu Ramananda Chatterjee, M.A., inviting attention

to the fact that the Bengali Selections prescribed for the Entrance examination of 1895 contain an essay on Child Marriage, in which the custom is supported by the writer, and in which arguments and expressions are used that are of a highly objectionable character.

A letter from the Managing Agents of the *Hitabadi*, a vernacular newspaper, pointing out certain objectionable passages in the Sanskrit Selections prescribed for the Entrance examination of 1895.

RESOLVED—

(*i*). That the selections headed "Early Marriage and Widowhood," pages 34—41, be omitted from the Bengali Selections prescribed for the Entrance examination of 1895.

(*ii*). That the objectionable stanzas in pages 10, 15, and 88, pointed out in the letter from the Managing Agents of the *Hitabadi*, be omitted from the Sanskrit Selections prescribed for the Entrance examination of 1895.

(*iii*). That the Sanskrit Course prescribed for the Entrance examination of 1895 be reduced by the omission of the last five chapters of the Rámáyana.

(*iv*). That the following selections and books be prescribed for the examinations of 1896:—

ENTRANCE EXAMINATION.

SANSKRIT.

Calcutta University Selections for 1896.

The following books or any others covering similar ground are recommended as text-books in Sanskrit Grammar:—

Vidyáságar	...	... Vyákarana Kaumudi, or
Vidyáságar	...	... Upakramaniká, as translated by Rajkrishna Banerjee, 12th Edition or
Nilmani Mukerjee	...	... Laghumanjari, or
Herambanath Tattvaratna		... Vyákarana Sangraha, or
Kalikumar Sarma	...	... Vyákaranádarsa, or
Kanailal Sastri	...	... Vyákaranabodh (in Hindi).

BENGALI.

Calcutta University Selections for 1895. Edited by Rai Bankimchandra Chatterjee, Bahadur, B.L., omitting

the Essays headed "Early Marriage" and "Widowhood," pages 34—41.

HINDI.

Tulsidás ... ... Rámáyana, Ayodhyakanda.
Harischandra ... ... Satya Harischandra.

URIYA.

M. S. Rao ... ... Prabandhamálá, pages 1—115.
Ram Narayan Ray ... ... Kabitá Sangraha.

PALI.

Pali Miscellany, by Professor Trenckner (28 pages of text).
Selections from the Jatakas. (Professor Fausböll's Edition).
The Apannakajataka (36 pages of text).

BURMESE.

Prose.

Zanaka Jataka.
Withandya Jataka.

Poetry.

Lanka-thara Son-ma-sā.
Am-tha-tha-sin-ma-sā.

The spelling required of the candidates who present themselves for examination in Burmese should be in accordance with—

(*a*) The Thatpôn, published by the Text-book Committee.
(*b*) Judson's Dictionary, and
(*c*) The revision made by the Text-book Committee of the words of disputed spelling in Judson's Dictionary.

TAMIL.

Poetry.

Tamil Poetical Anthology, No. II, page 15 to end.

Prose.

Panchatantra ... ... Parts I, II and III.

F. A. EXAMINATION.

SANSKRIT.

Kálidása ... ... Raghuvansa, Cantos I—VII.

PALI.

Jatakas (Fausböll's Edition), Vaggo I—IV, pages 95—234.
Dhammapada (Fausboll's Edition): the First Bhanavaram, pages 1—35.

BENGALI FOR FEMALE CANDIDATES.

Akshay Kumar Dutt ... ... Treatise on the Hindu Sects, Introduction to part II.
Hemchandra Banerjee ... Vritra Sanhára, Part I.

B. A. EXAMINATION.

SANSKRIT.

PASS COURSE.

Kálidása	...	Kumárasambhava, Cantos I—V.
Mágha	...	Sisupálabadha, Cantos I—II.
Kálidása	...	Sakuntalá, text as fixed in Pandit, Iswarchandra Vidyáságar's Edition.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Bhavabhuti ...	...	Uttararámcharita.
Bháravi	...	Kirátárjuniya, Cantos XIII—XIV.

Permanent Subject.

Barada Rája ...	...	Laghukaumudi (Dr. Ballantyne's Edition, as reprinted by Lazarus & Co., from p. 1 to p. 282, *i.e.*, to the end of Tinanta).

PALI.

PASS COURSE.

Kaccāyana	...	Pali Grammar (Senart's Edition).

Trenckner's Malinda Panha

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Childers	...	Mahaparinibbanasutta.
Whitney	...	Language and the Study of Language.

M. A. EXAMINATION.

SANSKRIT.

Kálidása	...	Vikramorvasí.
Kálidása	...	Meghadúta.
Bhavabhúti ...	...	Mahávíracharita.
Súdraka	...	Mrichchhakatika.
Visákhadatta ...	...	Mudrá Rákshasa.
Bánabhatta ...	...	Kádambarí, Purvabhága.
Vyása and Sánkara ...	...	Vedánta Sútra and Bháshya, first four Sútras of the 1st Adhayáya, and 1st and 2nd Pádas of the 2nd Adhyáya.
Gotama and Visvanátha	...	Nyaya Sútra and Vritti, Chapters I—IV.

Váchaspati Misra	...	Tattva Kaumudi.
Upanishad ...	...	Katha, with Sankara Bháshya.
Rigveda ...	...	Hymns from the Rigveda Sanhita, edited by P. Peterson.
Vyása ...	...	Bhagavadgítá.
Pánini ...	...	Vaidika Prakriyá, Káraka and Samása, as contained in Siddhnáta Kaumudi.
Manu ...	...	Sanhitá (the whole).
Mammata Bhatta	...	Kávya Prákasa.

Permanent Subjects.

Max Müller	...	Science of Language, Vols. I—II.
Muir ...	...	Sanskrit Texts, Vol. V.

Students may take up the Inscriptions of Asoka instead of one of the following groups :—

GROUP I.

Nyáya Sútra and Vritti (limited as above).

GROUP II.

Tattva Kaumudi and Vedánta Sútra (limited as above).

PALI.

Anuruddhā	...	Abhidhammatthasangaha.
Theragātha	...	The Ekanipāta, Dukanipāta, and Tikanipāta.
Anguttara-nikāya	...	The Bālavagga, Rathakāravagga, Pugalavagga and Devadūtavagga of the Tikanipāta.
Mahāvanisa	...	The first five chapters (parichchhedas) Turnour's or Sumangala's Edition.
Jātakas ...	...	Fausboll's Edition, Vol. II, Dalhavagga, Santhavagga, Kalyānadhammavagga.
Kaccāyana ...	...	Pali Grammar (Senart's Edition.)
Mahāparinibbānasutta	...	(Childer's Edition).
Dhammapada	...	The first Bhānavāram (pathamakabhānavāram) with Fausboll's Extracts from Buddha Ghosa's Commentary for this portion of the text.
Burnouf	...	Introduction á l' histoire du Buddhisme Indien.
Spence Hardy	...	Manual of Buddhism.
Weber	...	History of Indian Literature.
Bigandet	...	Legends of Gaudama.

RESOLVED also—

That Pandit Harischandra Kaviratna be appointed to bring out the Sanskrit Entrance Course for 1896 on a remuneration of Rs. 100.

137. Read the Proceedings of the Board of Studies in English, dated the 29th July.

RESOLVED—

(*i.*) That the following portions of the English Selections compiled by Mr. Tawney be prescribed for the Entrance examination of 1895 :—

To be read.

PROSE.

The Battle of Bannockburn.
The Battle of Killickrankie.
The Spanish Armada.
Battle of Sedgmoor.
The Tournament.
The Exhibition of Arms at Hastinapur.
The Swayamvara of Draupadi.
John Smeaton—A Life among the Lighthouses.
Isaac Newton.
Anecdotes of Lord Exmouth.
Anecdotes of Lord Collingwood.
Account of Howard the Philanthropist.
Anecdotes showing the Humanity of Sailors.
Account of Fenelon.
Catherine Douglas, Margaret Carnegie, Mary Pickard and Amelia Sieveking.
Charlotte Bronte.
Mary Evelyn and Mrs. Somerville.
The Student—His Health.

POETRY.

Epitaph on a Hare.
The Dog and the Water-lily.
Alexander Selkirk.
Ye Mariners of England.
Alice Fell ; or Poverty.
Lucy Gray ; or Solitude.
Casabianca.
A Psalm of Life.

TO BE COMMITTED TO MEMORY

Epitaph on a Hare.
Alexander Selkirk.
Casabianca.
A Psalm of Life.

(ii.) That the following books be prescribed as text-books in English for the F. A., B. A. and M. A. examinations of 1896 :—

F. A. EXAMINATION.

Frederic Harrison	Oliver Cromwell (Twelve English Statesmen Series.)
Sir Alexander Grant	Xenophon (Ancient Classics for English Readers.)
Cowper	The Task, Book IV.
Milton	Paradise Lost, Book I.
Goldsmith	The Deserted Village.
Helps	Essays written in the intervals of Business (omitting the Essay on Organisation).

B. A. EXAMINATION.

PASS COURSE.

Shakespeare	The Merchant of Venice, Macbeth, King John.
Burke	Reflections on the French Revolution.
Landor	Selections, by Sidney Colvin, Nos. 7, 9, 19, 21, 185—251, (Golden Treasury Series).
Tennyson...	The Lady of Shalott, The Palace of Art, The Lotos-eaters, Tithonus, The Lord of Burleigh, The Voyage, The Brook, Ode on the Death of the Duke of Wellington, The Revenge, Demeter and Persephone.
Milton	Lycidas, Il Penseroso, L'Allegro.
Morley	Life of Burke (English Men of Letters Series).

HONOUR COURSE.

(In addition to the Subjects for the Pass Course.)

Spenser	Faery Queene, Book II.
Sidney	Apology for Poetry.
Mathew Arnold	Essays in Criticism, First Series.
Gray	Poems, edited by John Bradshaw (Macmillan & Co.)

Permanent Subjects.

Earle	Philology of the English Tongue.
Shaw	Outlines of English Literature.

M. A. EXAMINATION.

Chaucer	... Prologue and Knight's Tale.
Shakespeare ...	... Henry IV, Parts I and II, Twelfth Night, Cymbeline.
Shakespeare and Fletcher	... Two Noble Kinsmen.
Milton	... Paradise Lost, Books X, XI, XII.
Dryden	... Absalom and Achitophel, Annus Mirabilis, Astræa Redux (Christie's Selections, Clarendon Press Series).
Taylor	... Philip van Artevelde.
Milton ...	... Areopagitica.
Carlyle	... On Heroes.
Bacon	... Advancement of Learning, Books I and II.
George Eliot ...	... Silas Marner.
Morley	... On the Study of Literature.
Holmes	... Autocrat of the Breakfast Table.

Permanent Subjects.

Morris	... Historical Outlines of English Accidence.
Smith	... Student's Manual of the English Language.
Taine	... History of English Literature, translated by Van Laun.
Dowden	... Shakespeare; a Critical Study of his Mind and Art.
Sweet	... Anglo-Saxon Primer.
Sayce	... Introduction to the Science of Language.

138. Read the Proceedings of the Board of Studies in Arabic, Persian and Urdu, dated the 31st July.

RESOLVED—

That the following books and selections be prescribed for the examinations of 1896:—

ENTRANCE EXAMINATION.

ARABIC.

Sullam-ul-Adab ... ... Edited by Colonel Holroyd

PERSIAN.

Selections by Shams-ul-Ulama Maulavi Ahmad.

URDU.

Selections by Shams-ul-Ulama Maulavi Ahmad.

F. A. EXAMINATION.

ARABIC.

Selections by Colonel H. S. Jarrett.

PERSIAN.

Selections by Shams-ul-Ulama Maulavi Ahmad.

B. A. EXAMINATION.

ARABIC.

PASS COURSE.

Tarikh-i-Yamini	...	... The first 50 pages (Delhi Edition.)
Mustatrif ...	...	... The first 70 pages (Egyptain Edition).
Hamásah ...	...	... 31 pages (Urdu Guide Press).
Díwán-i-Mutanabbi	...	... Calcutta Edition (pages 283—332), beginning with the Qasidah for Azududdaulah.

HONOUR COURSE.

In addition to the subjects for the Pass Course.

Maqamat-i-Hariri	...	... The first half.
Tarikh-i-Timúri	...	... The whole.
Hamásah ...	...	... 84 pages from page 32 (Urdu Guide Press).
Banat Súad	...	... The whole.

PERSIAN.

PASS COURSE.

Selections by Shams-ul-Ulama Maulavi Ahmad.

HONOUR COURSE.

In addition to the subjects for the Pass Course.

Aklak-i-Jalali	...	... The whole.
Hafiz ...	...	... From the beginning up to the end of Radifi Dal (Urdu Guide Press).
Wakai-i-Niamat Khan-i-Ali		... The last half.
Masnaviyat of Maulana Rumi		... From the beginning up to the story of Bazangan and Tute.

M. A. EXAMINATION.

ARABIC.

Prose.

Moquddamai-i-Ibn Khalladùn	...	Fifty pages.
Maqamát-i-Hariri.	...	The second half.

Poetry.

Hamásah	...	The whole.
Diwan-i-Mutanabbi	...	
Sabai Muallaquah	...	

PERSIAN.

Prose

Munshi Muhammad Mahdi	...	Durrai Nádiráh.
Shíms-uddin Faqír	...	Hadáiq-ul-Balaghát.
Saiff ...	...	Uruz.
Abul Fazl ...	...	Akbarnámah, Vol. I.
Inshai Abul Fazl ...	...	First Daftar.
Jámi ...	...	Qawafí.

Poetry.

Kháqáni	...	Qasáid
Khusrau	...	Qiránu-Sádain.
Ferdaúsi	...	Selections from the Sháhnámáh by Col. Jarrett, Calcutta, 1880.
Hakím Sená ...	...	Hadíquah.
Sáib	...	Díwán.
Habib Qááni ...	...	Qasáid, first half.

Candidates are also required to possess a knowledge of Arabic to the extent laid down in the course for the First Examination in Arts.

139. Read the Proceedings of the Boards of Studies in Mathematical and Experimental Physics, and in Chemistry, dated the 2nd August.

Read also a letter from Mr. J. H. Gilliland, M.A., pointing out that the Articles on Levers recommended by the Board of Studies in Mathematical and Experimental Physics for inclusion into the F. A. Course cannot be added to the Course, as Levers are not mentioned in the Syllabus.

RESOLVED—

That the Articles on Levers be excluded from the F. A. Course.

RESOLVED also—

(*i.*) That the following books be prescribed as text-books for the F. A. and B. A. Examinations of 1896 :—

F. A. EXAMINATION.

ELEMENTARY PHYSICS.

Ganot		Popular Natural Philosophy, 5th edition, Book I, omitting articles 12, 13, 32—35, 49—52, 56, 61—75. Book II, omitting articles 107—110. Book III, omitting articles 124—131, 137—140. Book V, omitting articles 209, 210, 221, 222, 235, 240—242, 252, 260—265, 268—298, 302, 303, 305. Book VI, omitting articles 355, 365—374, 376—378, 381—397. Book VII, omitting articles 405, 407—409. Book VIII, omitting articles 416, 451—461, 488, 500—508, 511, 512, or the corresponding portions of any subsequent edition.

ELEMENTARY CHEMISTRY.

Chemistry of the Non-metals as in Remsen's Elements of Chemistry (latest edition).

B. A. EXAMINATION.

PHYSICS AND CHEMISTRY.

PASS COURSE.

Deschanel		Elementary Treatise on Natural Philosophy.
Kolbe		Inorganic Chemistry, translated by Humpidge.

Physics, Chemistry, and the Doctrine of Scientific Method.

HONOUR COURSE.

Deschanel		Elementary Treatise on Natural Philosophy.
S. P. Thompson		Elementary Lessons in Electricity and Magnetism.
Tait		Heat.

Frankland and Japp	Inorganic Chemistry (Edition 1884), omitting all the sections printed in small type, and all the parts relating to the following elements :—Zirconium, Thorium, Niobium, Tantalum, Beryllium, Palladium, Iridium, Rhodium, Osmium, Ruthenium, Norwegium, Cerium, Didymium, Lanthanum, Yttrium, Erbium, Terbium, Scandium, Samarium, and Decipium.
Remsen	Organic Chemistry.
Jones	Junior Course in Practical Chemistry.
Jevons	Principles of Science, 2nd Edition (omitting Books I and II).

(ii.) That the following books be prescribed for the M. A. Examinations of 1895 and 1896 :—

M. A. EXAMINATION, 1895, 1896.

NATURAL AND PHYSICAL SCIENCE.

A.—Chemistry.

Roscoe and Scholemmer ...	Treatise on Chemistry, Vols. I and II, Parts I and II.
Richter	Organic Chemistry translated by Smith. The portions in large type to be considered of special importance, and the portions in small type of subsidiary importance, and of these portions only a general knowledge to be required.
Frankland	Lecture notes for Chemical Students, Vol. II, Organic Chemistry.
Valentine	Qualitative Chemical Analysis.
Thorpe	Quantitative Chemical Analysis.
Meyer	Outlines of Theoretical Chemistry.

M. A. EXAMINATION, 1895.

B.—Heat, Electricity and Magnetism as Principal Subjects with Light and Sound as Subsidiary Subjects.

PRINCIPAL SUBJECTS.

Maxwell	Electricity and Magnetism, 2nd Edition, Vol. I., Preliminary, 1—17, 19, 21—24.

Maxwell	Part I, Chaps. I, II. 63—77, 80—end, III, IV, 95*a*—96*a*. 98—99*b*, 101*a*—101*d*, V, VI, VII, VIII, XI 155—164, XIII. Part II.—Chaps. I, II, III, IV, V, VI, IX 315—318, X 325—327, 331—334, XI, XII. Vol. II.— Part III.—Chaps. I, 371—386 389—390, 393—394, II, III, 407—416, 423, IV, V437—441 VI, VII 449—451, 453, 455—464, VIII 465. Part IV.—Chaps, I, II, III, IV, V, VI, VII, VIII 585—598, 602—603, IX 604—617, X, XI, XIII 682—688, XV 721—729 XVI 730—749, XVII, XVIII 758—761, 763—767, XIX, 768—778, 780, XX, XXI 806—821, 831, XXII.
Faraday	Experimental Researches in Electricity, Vol. I.
Clausius	Mechanical Theory of Heat.
Maxwell	Theory of Heat, 5th Edition omitting pages 195—208.
Fourier	Theory of Heat, Chaps. I and II.
Stewart and Gee	Practical Physics, Vol. II.
Glazebrook and Shaw ...	Practical Physics, Chaps. VIII—XIII (omitting Section 31).

SUBSIDIARY SUBJECTS.

Daniell	Text-book of the Principles of Physics, 1st Edition, Chap. V, pages 74—133; Chaps. XIV & XV, or corresponding chapters of 2nd Edition.

C.—Light and Sound as Principal Subjects, with Heat, Electricity and Magnetism as Subsidiary Subjects.

PRINCIPAL SUBJECTS.

Preston	Theory of Light.
Heath	Elementary Treatise on Geometrical Optics.
Helmholtz	Sensations of Tone, Introduction, and Chapters I—VIII.
Everett	Vibratory Motion and Sound.
Donkin	Acoustics, omitting Appendix to Chapter IV, Appendix to Chapter VI, and Articles 125, 131—135, 138—155, 162—214.
Glazebrook and Shaw... ...	Practical Physics, Chapters VIII—XX.

SUBSIDIARY SUBJECTS.

Daniell	...	Text-book of the Principles of Physics, Chapters VII, XIII and XVI, 1st Edition, or corresponding chapters of the 2nd Edition.

(*iii.*) That *(a)* in page 128 of the University Calendar for 1893 for "Physics and Chemistry, 4th Honour paper," the following be substituted :—

"4th Honour paper—
(a). Chemistry, time 1½ hours.
(b). Practical examination, time 3 hours."

(*b.*) That 50 marks be allotted to the half paper in Chemistry, and 50 marks for the Practical examination.

RESOLVED also—

That as recommended by the Boards, no limit be prescribed in the subjects of Physics and Chemistry for the Premchand Roychand Studentship Examination.

140 Read the Proceedings of the Board of Studies in Greek, Latin, French and German, dated the 3rd August.

RESOLVED—

That the following books be prescribed for the Examinations of 1896 :—

ENTRANCE EXAMINATION.

GREEK.

Xenophon	...	Anabasis, Books I and II.

LATIN.

Livy	...	The Hannibalian War, adapted by G. C. Macaulay, M.A. (Macmillan's Elementary Classics)
Virgil	...	Selections by E. S. Shuckburgh, M.A. (Macmillan's Elementary Classics).

GERMAN.

Hauff	...	Die Karavane.

FRENCH.

Selections by G. Eugene Fasnacht, (Macmillan's Progressive French Readers II, Second Year).

F. A. EXAMINATION.

GREEK.

Herodotus	... Book VII.
Euripides	... Hecuba.

LATIN.

Virgil	Æneid, Book V.
Livy	... Book XXI.

FRENCH.

La Fontaine	... Fables, Books I and II.
Colbeck	... French Readings from Roman History, Chaps. VI—XIII. (Macmillan's Foreign School Classics.)

B. A. EXAMINATION.

GREEK.

PASS COURSE.

Sophocles	... Philoctetes; Electra.
Demosthenes ...	... De Corona.
Æschines	... In Ctesiphontem.

HONOUR COURSE.

(In addition to the Subjects for the Pass Course.)

Thucydides... ...	... Book II.
Euripides	... Bacchæ.
Plato	... Phædo.

Permanent Subject.

Peile	... Primer of Philology.

LATIN.

PASS COURSE.

Virgil	... Georgics, I, II.
Livy	... Books IV and V.
Cicero	... Pro Murena.

HONOUR COURSE.

(In addition to the subjects for the Pass Course.)

Lucretius	... De Rerum Natura, Books I and II.
Tacitus	... Germania and Agricola.
Terence	... Adelphi.

Permanent Subject.

Peile	... Primer of Philology.

M. A. EXAMINATION.

GREEK.

Homer	Iliad, Books I–XII.
Pindar	The whole.
Æschylus	Prometheus; Agamemnon; Eumenides.
Sophocles	Œdipus Tyrannus; Ajax Antigone
Euripides	Hecuba; Medea; Ion.
Aristophanes	Knights; Clouds; Frogs; Birds.
Herodotus...	Books II and III, to the end of Chap. LXVI.
Thucydides	Books VI, VII, VIII.
Demosthenes	Orations against Leptines and Meidias, De Falsa Legatione.
Plato	Republic; Theætetus.
Aristotle	Politics.

Permanent Subjects.

ayce	Introduction to the Science of Language.
Mahaffy	History of Classical Greek Literature.

LATIN.

Virgil	Bucolics (with the exception of II); Georgics; Æneid, Books I–VI.
Horace	Odes; Epodes; Satires, I (with the exception of 2 and 8) Epistles, I; De Arte Poetica.
Juvenal	Satires (except II, VI and IX).
Persius	Satires.
Lucretius	Books I, V and VI.
Catullus	1, 2, 3, 4, 9, 12, 22, 30, 31, 46, 49, 51, 63, 64, 65, 66.
Plautus	Aulularia; Trinummus.
Terence	Andria Heauton Timor oumenos
Livy	Books XXI—XXV.
Sallust	Bellum Catilinarium; Bellum Jugurthinum.
Cicero	Second Philippic; De Natura Deorum.
Tacitus	Histories.

Permanent Subjects.

Sayce	Introduction to the Science of Language.
Cruttwell...	History of Roman Literature.

RESOLVED also—

That the following books be prescribed as text-books in French for female candidates for the B. A. examination of 1895 and 1896 :—

PASS COURSE.

Racine	... Britannicus, edited by E. Pellissier (Macmillan & Co).
Fenelon	... Adventures de Télémaque, edited by C. J. Delille, Books I—XII (G. Bell & Sons).
Emile de Bonnechose...	... Lazare Hoche (Cambridge University Press).

HONOUR COURSE.

In addition to the subjects for the Pass Course.

Molière	... Le Bourgeois Gentil homme, edited by G. E. Fasnacht (Macmillan & Co.)
Corneille	... Polyencte, edited by F. E. Gase (G. Bell & Sons).
Racine	... Athalie, edited by Gustave Masson (Clarendon Press Series).
Augustin Thierry ...	... Rècit des Temps Merovingiens, edited by G. Masson, I—III (Cambridge University Press Series.)
Brachet	... Historical Grammar of the French Language, translated by G. W. Kitchin (Clarendon Press Series).

141. Read the Proceedings of the Board of Studies in History, Political Economy and Geography, dated the 4th August.

RESOLVED—

That the following books be prescribed as text-books for the Entrance, F. A. and B. A. examinations of 1896 :—

ENTRANCE EXAMINATION, 1896.

HISTORY.

R. C. Dutt ...	... Brief History of Ancient and Modern India.
Miss Buckley ...	... History of England for Beginners.

GENERAL AND PHYSICAL GEOGRAPHY.

Clarke	...	...	Class Book of Geography, omitting (*a*) all the paragraphs headed "Communication," (*b*) all the paragraphs headed "Historical Sketch"; and
Huxley	...	...	Introductory Primer, Arts. 12—55, and
Geikie	...	...	Physical Geography Primer.

F A EXAMINATION, 1896.

HISTORY

Smith	...	...	Smaller History of Rome
Fyffe	...	...	Primer of History of Greece

B. A EXAMINATION, 1896.

HISTORY.

PASS COURSE

History of England.

Greene	..	...	Short History of the English People

History of India.

Elphinstone	..	...	History of India (Hindu and Muhammadan Periods).
Wheeler	...	...	Short History of India (British Period only).

Histories of Greece and Rome.

Smith	...	...	Student's History of Greece.
Liddell	...	...	Student's History of Rome.

Political Economy.

Fawcett	...	...	Manual of Political Economy.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*)

Capes	...	...	The Early Empire
Capes	...	...	The Age of the Antonines
Bagehot	...	...	The English Constitution.
Mill	...	...	Political Economy

142. Read the Proceedings of the Board of Studies in Biology and Geology, dated the 5th August.

RESOLVED—

That the following books be prescribed for the examinations of 1896:—

F. A. EXAMINATION, 1896.

BOTANY FOR FEMALE CANDIDATES.

Oliver's First Book of Indian Botany; the whole of Part I and Chapter I of part II, *viz.*, the Elements of Morphology and Physiology of Flowering Plants, the Principles of their Natural Classification, and the diagnosis and detailed accounts of the following six natural orders:—

1. Malvaceæ.
2. Leguminosæ.
3. Cucurbitaceæ.
4. Urticaceæ.
5. Aroideæ.
6. Gramineæ.

B. A. EXAMINATION, 1896.

BIOLOGY.

PHYSIOLOGY AND BOTANY.

Pass Course.

Huxley	... Elementary Lessons in Physiology.
Huxley and Martin	... Practical Biology.
Prantl and Vines	... Text-book of Botany.
Oliver	... First Book of Indian Botany.

PHYSIOLOGY AND ZOOLOGY.

Pass Course.

Huxley	... Elementary Lessons in Physiology.
Huxley and Martin	... Practical Biology.
Claus-Sedgwick	... Elementary Text-book of Zoology, Vol. I, General Part and Special Part, Protozoa to Insecta, Vol. II. Special Part, Mollusca to Man.

PHYSIOLOGY, BOTANY, ZOOLOGY, AND THE DOCTRINE OF SCIENTIFIC METHOD.

Honour Course.

Huxley	... Elementary Lessons in Physiology.
Huxley and Martin	... Practical Biology.

Foster	... Text-book of Physiology, last Edition, omitting the last part (Supplementary).
Prantl and Vines	... Text-book of Botany
Oliver	... First Book of Indian Botany.
Henfrey	... Elementary Course of Botany
Vines	... Lectures on the Physiology of Plants.
Claus-Sedgwick	... Elementary Text-book of Zoology, Vol. I, General Part and Special Part, Protozoa to Insecta, Vol II, Special Part, Mollusca to Man
Huxley	... Comparative Anatomy of the Vertebrata.
Huxley	... Comparative Anatomy of the Invertebrata
Jevons	... Principles of Science, 2nd Edition (omitting Books I and II).

GEOLOGY.

GEOLOGY AND PHYSICAL GEOGRAPHY.

Pass Course.

Geikie	... Class Book of Geology.
Judd	.. Volcanoes
Mill	... The Realm of Nature (University Extension Manuals)
Oldham	... Manual of the Geology of India.
Cole	... Aids to Practical Geology.

GEOLOGY AND MINERALOGY.

Pass Course.

Geikie	... Class-book of Geology.
Rutley	... Rock-forming Minerals.
Cole	... Aids to Practical Geology.
Rutley	... Mineralogy
Oldham	... Manual of the Geology of India.

GEOLOGY, MINERALOGY, PHYSICAL GEOGRAPHY, AND THE DOCTRINE OF SCIENTIFIC METHOD.

Honour Course.

Geikie	... Text book of Geology.
Rutley	... Rock forming Minerals.
Cole	... Aids to Practical Geology.
Geikie	... Atlas of Physical Geography.
Judd	... Volcanoes.
Mill	... The Realm of Nature

Rutley	... ...	... Mineralogy.
Jevons	... ...	... Principles of Science, 2nd Edition, omitting Books I and II.
Oldham	... ...	... Manual of the Geology of India.

M. A. EXAMINATION, 1896.

D.—BOTANY.

Asa Gray	....	... Structural Botany.
Sachs	... ...	... Text-book of Botany (translated by Bennet and Dyer).
Balfour	... ...	... Palæontological Botany.
Roxburgh	... ...	... Flora Indica, Clarke's Edition (for reference in identifying Indian plants).
Sachs	... ...	... Physiology of Plants, translated by Ward (1887).
Bower	... ...	... Practical Botany.

E.—PHYSIOLOGY AND ZOOLOGY.

Gegenbauer	...	... Elements of Comparative Anatomy, translated by Bell
Gamgee	... ...	... Physiological Chemistry of the Animal Body.
Claus-Sedgwick	...	... Text-book of Zoology.
Balfour	... ...	... Comparative Embryology.
Darwin	... ...	... Origin of Species.

F.—GEOLOGY AND MINERALOGY.

Geikie	....	... Text-book of Geology.
Nicholson and Lydekker		... Palæontology.
Oldham	... ...	... Manual of the Geology of India.
Dana	... ...	... Text-book of Mineralogy.
Rutley	... ...	. The Study of Rocks.

143. Read the Proceedings of the Board of Studies in Mental and Moral Science, dated the 7th and the 12th August.

RESOLVED—

That the Syndicate recommend to the Senate

(*i.*) That in the Regulations for the First examination in Arts (page 33 of the University Calendar for 1893), the subject Deductive Logic be defined as follows :—

LOGIC—DEDUCTIVE LOGIC.

Definition of Logic. Relation of Logic to other Sciences. Logic, Formal and Material, Inductive and Deductive. Fundamental Principles of Deductive Logic.

Names and their Import. Terms and their various Divisions. Denotation and Connotation of Terms. Opposition of Terms. Division and Definition.

Propositions, their Import, and their various Divisions. Opposition of Propositions. Distribution of Terms. Predicables.

Inference, Immediate and Mediate, Inductive and Deductive.

Different Forms of Immediate Inference. Syllogism, its Canons, its Rules, its Figures and Moods; Reduction: various kinds of Syllogisms and their Rules. Trains of Reasoning. Fallacies.

(ii.) That in the Regulations for the B. A. examination (page 35 of the University Calendar for 1893) for—

"II. Mental and Moral Science, *i.e.*, Psychology, including the Psychology of Ethics and the history of Moral systems.	II. In addition to the Pass course the History of Modern European Philosophy and either (*a*) Pure Logic or (*b*) Natural Theology."

The following be substituted:—

"II. Mental and Moral Science, as defined below—	II. In addition to the Pass course, the History of Philosophy and Natural Theology as defined below"—

(iii.) That in the Regulations for the B. A. examination (page 36 of the University Calendar for 1893), under the heading "Definition of subjects" the following be inserted:—

* MENTAL AND MORAL SCIENCE.

The Pass subjects shall include—

(a.) Psychology—

Philosophy and Psychology. Scope and Method of Psychology. Relation of Psychology to Metaphysics and Physiology.

Mind, Consciousness, Self-consciousness. Analysis and Classification of Mental Processes and Products. Development of Mental Life. Laws of Mind.

Psychology of Cognition. Perception and Sensation. The Senses and the Nervous System. Localisation of Sensation. Primary and Secondary Qualities of Body. Object of Perception. Perceptions of the different senses. Acquired Perceptions, Imagination, Expectation, Memory, Thinking, Conception Judgment, Reasoning, Generalisation. Belief and Knowledge. Experience and Reason. Self, External World, Time, Space, Substance, Cause, Power.

Psychology of Feeling. Sense-feelings, Emotions and Sentiments. Pleasure and Pain.

* The questions in Mental and Moral Science will have no special reference to the writings of any one author or school of authors. In matters of opinion answers will be judged according to their accuracy of thought and expression. The Honour papers in the subjects of the Pass course shall consist of more advanced questions than the Pass papers.

Psychology of the Will. Attention and Volition. Appetite and Desire. Instinct and Habit. Voluntary Action. Conflict of Motives, Deliberation, Choice. Freedom of the Will.

(b.) Logic—

Definition and province of Logic. Relation of Logic to Metaphysics and the Special Sciences. Thought, Knowledge, Truth, Science. Immediate and Mediate Knowledge. Intuitive and Inferential Truths.

Observation and Experiment. Analysis and Synthesis. Classification and Definition. Hypothesis and Explanation. Induction, Analogy, and Probability. The Ground of Induction. Experimental Methods. Deductive Method. Relation of Induction to Deduction. Demonstration, Syllogism, Functions of Syllogism.

(c.) Ethics—

Scope and method of Ethics. Relation of Ethics to Metaphysics, Psychology, Sociology, and Politics.

Analysis of the moral Consciousness, Moral Sentiment, Moral Judgment, the Moral Faculty, Springs of Action and their Mutual Relation.

The Good or ultimate end of Action. Moral obligation. Standards of Right and Wrong. Sanctions of Morality. The Individual and Society. Duties and Virtues.

The Honour subjects shall include—

(a.) History of Philosophy—

General Knowledge of the Systems of Bacon, Descártes, Spinoza, Locke, Barkeley, Hume, Reid, Leibnitz, Kant, Cousin, Hamilton, and Mill: and Special Study of Subjects to be selected from year to year.

(b.) Natural Theology—

Theology and Religion, Natural and Revealed. Relation of Religion to Metaphysics and Ethics.

Analysis of the Religious Consciousness: the Religious Sentiment, the Religious Faculty, the Sense of Dependence, the Idea of the Infinite, the Causal Belief, the Sense of Duty, the Belief and Worship of God, the Belief in a Future Life.

God, Man, and Nature. The Existence and Attributes of God. The Relation of God to Nature and Man. Theory of the Universe, Theism, Pantheism, Agnosticism, Materialism, Panphenomenalism· Optimism, Pessimism, Teleology, Evolution. Necessity and Freedom. Immortality of the Soul.

(iv.) That in the Regulations for the examination for the Degree of M. A. (page 44 of the University Calendar for 1893), the following be substituted for paragraph 7 :—

"The Examination in Mental and Moral Philosophy shall include Psychology, Logic, Ethics and Natural Theology as in the B. A. Honours examination, but more fully developed; together with Politics and History of Indian and European Philosophy (both General and Special)—the subjects in Politics and History of Philosophy (special) to be selected from year to year."

RESOLVED also—

That the other recommendations of the Board be brought up for consideration after the above changes in the Regulations shall have been sanctioned by the Senate.

144. Read the Proceedings of the Board of Studies in Mathematics, dated the 9th August.

Read also letters from the Professors of Mathematics in the L. M. S. College, Bhowanipur, the Free Church Institution, the General Assembly's Institution and the Ripon College, recommending the substitution of Asutosh Mukhopadhyay's "Geometry of Conics" for Taylor's "Elementary Geometry of Conics" in the course prescribed for the F. A. examination of 1895.

RESOLVED—

(*i.*) That in the list of text-books prescribed for the F. A. examination of 1895, the following be substituted for Taylor's Elementary Geometry of Conics :—

Asutosh Mukhopadhyay	...	Geometry of Conics, omitting all propositions marked with an asterisk.

(*ii.*) That the Syndicate recommend to the Senate that the 2nd foot-note in page 31 of the University Calendar for 1893, specifying the extent of the work on Geometrical Conics for the F. A. examination be omitted.

(*iii.*) That the following books be prescribed as text-books for the Entrance, F. A. and B. A. examinations of 1896 :—

ENTRANCE EXAMINATION, 1896.

MATHEMATICS.

Euclid	...	* Elements of Geometry, edited by Hall and Stevens, or any other edition covering the same ground.

F. A. EXAMINATION, 1896.

MATHEMATICS.

Euclid	...	* Hall and Steven's edition.
Asutosh Mukhopadhyay	...	Geometry of Conics, omitting all the propositions marked with an asterisk.

* The Notes are to be read as elucidating the text of Euclid, and the additional propositions are to be treated as riders. (*See* Minutes for 1890-91, page 125.)

B. A. EXAMINATION, 1896.

MATHEMATICS.

PASS COURSE.

Loney	...	Elements of Statics and Dynamics.
Maxwell	...	Matter and Motion, Chapter III, and articles 96, 97.
Besant	...	Elementary Hydrostatics, 14th edition, Chapters I—VII. (omitting articles 93, 102, 104, 111—121) and Chapter VIII, articles 133—140, or the corresponding portions of the 15th edition.

(Or the corresponding portions of S. B. Mukerjee's Elementary Hydrostatics).

HONOUR COURSE.

Loney	...	Elements of Statics and Dynamics.
Maxwell	...	Matter and Motion.
Besant	...	Elementary Hydrostatics, 14th edition, Chapters I—VII (omitting articles 93, 102, 104, 111—121), and Chapter VIII, articles 133—140, or the corresponding portions of the 15th edition.

(Or the corresponding portions of S. B. Mukerjee's Elementary Hydrostatics).

Salmon	...	Conic Sections (6th edition), Chapters I—III, V—VIII, to the end of article 116, and X—XIII.
Williamson	...	Differential Calculus (6th edition), Chapters I—V, IX, XI —XVIII.
Todhunter	...	Integral Calculus, Chapters I—VII.

(Or the corresponding portions of Williamson's Integral Calculus).

145. On the results of the last B. A. examination the Woodrow Scholarship was awarded to Kamakhyacharan Nag of the City College.

146. The Registrar enquired what arrangements were to be made in order to test the knowledge of the B. A. candidates in Practical Chemical Analysis as required in clause (*b*) of the Regulations under the head "Organic Chemistry" (p. 41 of the Calendar for of 1893.)

RESOLVED—

That a notice be sent to the Heads of Institutions affiliated up to the B. A. Standard, intimating that the practical examination in Chemistry for the B. A. Honour Examination in Physics and Chemistry will be held in Calcutta only, and that candidates who take up the Honour course in that subject, must present themselves for examination in Calcutta.

147. Read a Circular from the Executive Engineer, 1st Calcutta Division, forwarding copy of a letter from the Officiating Secretary to the Government of Bengal, Municipal Department, to the Chairman to the Corporation of the Town of Calcutta, intimating that the Executive Engineer, 1st Calcutta Division, has been appointed to act on behalf of Government in all matters affecting the assessment of Government buildings in Calcutta; also requesting that all notices or correspondence received from the Municipality in connection with assessments may be forwarded to him for disposal.

ORDERED—

To be recorded.

148. Read a letter from Maulavi Abul Khair Muhammad Siddiq, M.A., intimating that owing to his disagreement with Colonel Jarrett and Shams-ul-Ulama Shaikh Mahmud Gilani about the distribution of the questions in Rhetoric, Prosody and Arabic, he is obliged to resign his appointment to set papers for the ensuing M. A. Examination.

RESOLVED—

That the resignation tendered by Maulavi Abul Khair Muhammad Siddiq, M.A., be accepted, and that the work of setting the papers be divided between Colonel Jarrett and Shams-ul-Ulama Shaikh Mahmud Gilani.

149. Read a letter from Messrs. Thacker, Spink & Co., reporting that they have no copies of the Bengali Entrance Course for 1894 left in stock, and that there are none to be had in the market.

RESOLVED—

That the Superintendent, Baptist Mission Press, be instructed to print at once 500 copies of the Bengali Selections prescribed for the Entrance examination of 1894.

150. Read a letter from the Deputy Secretary to the Government of India in the Home Department, intimating, in reply to this office letter No. 1635, dated the 7th July, 1893, that the Governor-General of India in Council sanctions the affiliation of the Canadian Mission College, Indore, to the University in Arts up to the B. A. Standard.

ORDERED—

To be recorded.

151. Read a letter from the Deputy Secretary to the Government of India, in the Home Department, intimating that the Governor-General of India in Council sanctions the affiliation of the Indian Association for the Cultivation of Science to the University in Physics and Chemistry up to the Standard of the First Examination in Arts.

ORDERED—

To be recorded.

152. Read a letter from the Principal, Patna College, suggesting that an unsuccessful B. A. candidate may be allowed to appear at the next examination without being required to prosecute a further course of study for six months in an affiliated institution, a privilege which is uniformly granted to candidates who fail to present themselves for examination.

Read also a letter on the same subject from Mr. H. R. James, M.A., Professor, Patna College.

RESOLVED—

That the letters be referred to the Faculty of Arts.

153. Read a letter from Babu Syamacharan Ganguli, B.A., a Member of the Senate, suggesting a change in the History Course for the F. A. Examination.

RESOLVED—

That the letter be referred to the Board of Studies in History, Political Economy and Geography for opinion.

154. Read a letter from the Registrar, General Medical Council of England, requesting that all documents that bear on the subject of the Preliminary Examinations of this University may be forwarded to him by the end of 1893, in order to enable the Council to revise the list of Examinations of this University at present recognised by them.

RESOLVED—

That a copy of the University Calendar for 1893 be forwarded to the Registrar, General Medical Council of England.

155. Read a letter from the Director, St. Mary's Institution, Chandernagore, requesting that the privilege of answering alternative questions from the old course may be granted to unsuccessful Entrance candidates of past years who take French for their second language.

RESOLVED—

That the Director, St. Mary's Institution, Chandernagore, be informed that the Syndicate regret that they are unable to comply with his request.

156. Read a letter from Babu Gobindachandra Basu, proposing to award a Gold Medal worth Rs. 40, bearing his own name, to the candidate who shall secure the highest marks in the aggregate at the ensuing F. A. examination from the Dacca and Chittagong Divisions, as well as a Medal worth Rs. 25 in memory of his deceased father, Babu Harischanda Basu, to the candidate who shall stand first among the successful candidates at the ensuing Entrance Examination from the Chittagong Division, and requesting to be informed whether the Syndicate will accept his offer.

RESOLVED—

That Babu Gobindachandra Basu be informed that the Syndicate regret that they cannot accept his offer.

157. Read a letter from the Director of Public Instruction, Bengal, enquiring whether, under clause 3 (*e*) of the new Rules for the Recognition of Schools which exacts an assurance that no teacher will be allowed to teach more than 50 scholars at the same time, a school for which it is very unusual to have in attendance more than 80 per cent. of its pupils, may be allowed to have classes consisting of 60 boys on the rolls.

ORDERED—

To be deferred.

158. Read a letter from the Principal, Patna College, suggesting that in the case of higher classes, clause 3 (*e*) of the new Rules for the Recognition of Schools should be made to bear on the proportion between the total number of students in a school and the total number of English teachers.

ORDERED—

To be deferred.

159. Read a letter from the Offg. Director of Public Instruction, Bengal, suggesting with reference to the new Rules for the Recognition of Schools that a regulation may be laid down by the Syndicate for its own guidance to the effect that applications for Recognition of Schools, other than Government Schools, should be referred to a Government Inspector of Schools, before any action is taken with regard to them.

RESOLVED—

That the Offg. Director of Public Instruction be informed that the Syndicate do not consider it necessary to lay down the regulation suggested by him.

160. Read a letter from the Inspector of Schools, Presidency Circle, enquiring whether the new Rules for the Recognition of Schools are to be held applicable to the ensuing Entrance examination in the case of Schools already recognised by the University.

RESOLVED—

That the Inspector of Schools, Presidency Circle, be informed that the new rules are to be held applicable to the ensuing Entrance examination with reference to Schools already recognised by the University.

161. Read a letter from the Principal, London Mission High School, Mirzapur, declining to make a further application for affiliation as requested in this Office Circular No. 1444, dated the 29th May last.

ORDERED—

To be recorded.

162. Read a D. O. letter from the Offg. Director of Public Instruction, Bengal, forwarding an application for the renewal of affiliation of the Berhampur College, and recommending that under the peculiar circumstances of the case the five-year guarantee may not be insisted upon.

RESOLVED—

That under the special circumstances mentioned in the letter, the affiliation of the Berhampur College to this University be renewed without the five-year guarantee being insisted upon.

163. Read an application from the Honorary Secretary, Welland Memorial School, supported by a certificate from the Inspector of European Schools, Bengal, requesting that the institution may be recognised by the University as a High School qualified to send up candidates to the Entrance examination.

RESOLVED—

That the Welland Memorial School be recognised as a High School qualified to send up candidates to the Entrance examination.

164. Read an application from the Honorary Secretary, Khidirpur Institution, requesting that the institution may be recognised by the University as a High School qualified to send up candidates to the Entrance examination.

RESOLVED—

That the application be referred to the Inspector of Schools, Presidency Circle, for report.

165. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application, supported by a medical certificate, from Mukundanath Ray, praying that as after attending the last B. A. examination on the first day, he was prevented from appearing at the examination on the subsequent days on account of severe burns in his right hand caused by an accident, he may be allowed to appear at the ensuing B. A. examination without being required to attend further lectures.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Mukundanath Ray will be allowed to appear at the ensuing B. A. examination without being required to attend further lectures.

166. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Ramnarayan Agasti, praying that as his attendance at the B. L. lectures (under the old Rules) has fallen short of the prescribed percentage by 24 lectures, he may be allowed to appear at the next or any subsequent B. L. examination after attending the number of lectures by which his percentage has fallen short of the prescribed standard.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Ramnarayan Agasti will be admitted to the next or any subsequent B. L. examination on his attending further lectures for a full session.

167. Read an endorsement from the Principal, City College, forwarding an application from Jogindranath Hajra, praying that as his attendance at B. L. lectures has fallen short of the required percentage by 81 lectures, he may be allowed to appear at the B. L. examination on his attending further lectures for a full session.

RESOLVED—

That the Principal, City College, be informed that Jogindranath Hajra will be admitted to the B. L. examination, provided he attends further lectures for a full academical year, and provided the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered in the College during the three years.

168. Read an endorsement from the Principal, Victoria College, Cooch-Behar, forwarding an application from Surendranarayan Chaudhuri, praying that under the circumstances mentioned in the application, he may be allowed to appear at the B. L. examination of 1894, on his attending further lectures for a full session.

RESOLVED—

That the Principal, Victoria College, Cooch-Behar, be informed that Surendranarayan Chaudhuri will be admitted to the B. L. examination of 1894, provided he attends further lectures for a full academical year, and provided the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered in the College during the three years.

169. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Lalgopal Chakrabarti, a student whose attendance at the B. L. lectures has fallen short of the required percentage, praying that he may be allowed to appear at the B. L. examination after attending further lectures for a full session.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Lalgopal Chakrabarti will be admitted to the B. L. examination, provided he attends further lectures for

a full academical year, and provided the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered during that year.

170. Read an endorsement from the Principal, Ripon College, forwarding an application from Gobindachandra Mukerjee for admission to the B. L. examination with the remark that the applicant attended 143 lectures out of 194 delivered from June 1890 to November 1891, in the 2nd and 3rd year B. L. Classes.

RESOLVED—

That the Principal, Ripon College, be informed that Gobindachandra Mukerjee will be admitted to the B. L. examination, provided he attends further lectures for a full academical year, and provided the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered in the College during that year.

171. Read a petition from Harendrachandra Sinha, a Pleader, practising in the district of Sylhet, praying that under the circumstances therein mentioned, he may be allowed to appear at the B. L. examination without being required to pass the Intermediate examinations and to attend a further course of law lectures.

RESOLVED—

That the applicant be informed that his request cannot be complied with.

172. Read an endorsement from the Principal, Holkar College, Indore, forwarding an application from Balkrishna Ganesh Maghe, a candidate who has passed the Intermediate examination of the Allahabad University, praying that he may be allowed to join the above College with a view to qualify himself for admission to the B. A. examination of this University.

RESOLVED—

That the Principal, Holkar College, be informed that Balkrishna Ganesh Maghe may be allowed to join the 3rd year class of the above College with a view to qualify himself for admission to the B. A. examination.

173. Read a letter from the Principal, City College, enquiring whether a student who has passed the Intermediate examination of the Allahabad University, may be admitted into the 3rd year class of the above College in order to prosecute his studies for the B. A. examination of this University.

RESOLVED—

That the Principal, City College, be informed that the Syndicate are unable to lay down a general rule on the subject.

174. Read an endorsement from the Principal, City College, forwarding an application from Chandrakanta Ray, an unsuccessful candidate at the last Intermediate examination of the Allahabad University, praying that he may be allowed to join a College affiliated to this University in order to qualify himself for admission to the F. A. examination.

RESOLVED—

That the Principal, City College, be informed that Chandrakanta Ray will be allowed to appear at the F. A. examination provided he prosecutes a regular course of study for two years in an institution affiliated to this University.

175. Read a letter from the Secretary, Arkandi H. E. School, requesting that the order passed by the Syndicate withdrawing from the School the privilege of sending up candidates to the Entrance Examination may, under the circumstances mentioned in the letter, be rescinded, and that a trial for two years more may be given to the school in order to enable it to show better results in future.

RESOLVED—

That a trial for two years be given to the School in order to enable it to show better results in future.

176. Read an application from S. Kandaiya, a student who has passed the F. A. examination of the Madras University, praying that he may be allowed to appear at the B. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the B. A. examination provided he prosecutes a regular course of study for two years in an institution affiliated to this University.

177. Read a letter from the Principal, Holkar College, forwarding an application from Maherjibhai Hormasji Khedavala, an unsuccessful candidate at the Previous examination of the Bombay University, praying that he may be allowed to appear at the F. A. examination of 1895, after prosecuting a regular course of study in an institution affiliated to this University.

RESOLVED—

That the Principal, Holkar College, be informed that Maherjibhai Hormasji Khedavala will be admitted to the F. A. examination of 1895, provided he prosecutes a regular course of study for two years in an institution affiliated to this University.

178. Read a letter from the Assistant Inspector of Schools, Burdwan Division, forwarding an application from Saratchandra Bhattacharyya, a candidate who was permitted to appear at the last F. A. examination as a teacher, but who, on account of sudden illness, was unable to present himself for the examination, praying that he may be allowed to appear at the next examination without being required to pay a fresh fee.

RESOLVED—

That the Assistant Inspector of Schools, Burdwan Division, be informed that the fee paid by Saratchandra Bhattacharyya for admission to the last F. A. examination cannot be held over for a subsequent examination.

179. Read an endorsement from the Offg. Director of Public Instruction, Bengal, forwarding for disposal an application from Ambikacharan Datta a student of the Medical College, Calcutta, praying that as a special case he may be allowed to appear at the B A. examination without attending the prescribed percentage of lectures.

RESOLVED—

That Ambikacharan Datta be informed that his prayer cannot be granted.

180. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from certain students belonging to the 1st year class of the College who intend to appear at the M. A. examination in Chemistry, praying that they may be exempted from attending the lectures on Chemistry delivered in the Medical College, as they intend to attend a full course of lectures in that subject prescribed for the M. A. examination in the Presidency College.

RESOLVED—

That the Principal, Medical College, be informed that the Syndicate are unable to grant the prayer of the applicants.

181. The Registrar pointed out that no orders had been passed by the Syndicate with reference to a statement made by Nusserwanjee Roostumjee Mehta in his affidavit submitted at the last meeting, that by mistake he stated his age in the application for admission to the last Entrance examination to be 17 years and 2 months instead of 16 years and 2 months which was his correct age at the time.

RESOLVED—

That the Syndicate regret that they cannot alter the statement of age made by Nusserwanjee Roostumjee Mehta in his application for admission to the last Entrance examination.

182. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from certain unsuccessful candidates at the recent Second L. M. S. re-examination, praying that under the circumstances mentioned in the application they may be allowed to appear at the next re-examination.

RESOLVED—

That the Principal, Medical College, Calcutta, be informed that the prayer of the applicants cannot be granted.

183. Read a letter from Hariprasanna Mukhopadhyay, praying for a revision of the order of the Syndicate awarding the Eshan Scholarship for 1893.

RESOLVED—

That the Syndicate see no reason to alter their decision.

184. Read a letter from Hariprasanna Mukhopadhyay, stating that the students who stood first and second respectively, in Philosophy at the last B. A. examination, and to whom the University prizes and medals for proficiency in that subject have been awarded were both of them plucked at the previous B. A. examination, and that the action of the Syndicate in awarding these medals and prizes has not been in accordance with the principle observed by the Director of Public Instruction in awarding the Government Scholarships.

RESOLVED—

That the Syndicate see no reason to alter their decision.

185. Read an endorsement from the Principal, Presidency College, forwarding an application from the Christian Students of the 2nd year class, having reference to the award of the Duff's Scholarship to the best Christian student of the year.

RESOLVED—

That the students of the Presidency College are not entitled to the Scholarship mentioned in clause IV. of para. 1 of the rules for the award of the Duff Scholarships.

186. Read an endorsement from Mr. A. Pedler, F.R.S., Professor of Chemistry, in the Presidency College, forwarding for favourable consideration an application from Yechuri Narasimham, a Bachelor of Arts of the Madras University, praying to be admitted to the M. A. examination in Chemistry to be held in November 1894.

RESOLVED—

That Yechuri Narasimham be admitted to the M. A. Examination in Chemistry to be held in November 1894.

187. Read a letter from the Principal, Rajshahye College, pointing out the difference in the spelling of certain English words in Webster's Dictionary, and the spelling of the same words in other Dictionaries, and requesting that a uniform system of spelling may be decided on by the Syndicate.

RESOLVED—

That the Syndicate do not think it necessary to take any action in the matter.

188. Read the following report of the Board of Examiners for the L. E. and B. E. examinations :—

"FROM

THE BOARD OF EXAMINERS FOR THE L. E. AND B. E. EXAMINATIONS,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated the 11th August, 1893.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the L. E. and B. E. examinations.

The number of candidates registered for the B. E. examination was 4, of whom 2 passed and 2 failed, both the successful candidates were placed in the Second Division.

The number of candidates registered for the L. E. examination was 12, of whom 3 passed, 8 failed and one was absent. All the successful candidates were placed in the Second Division.

The examinations have been conducted in accordance with the instructions contained in our letter of appointment.

We have, &c.,

(Sd.) J. S. SLATER.
" B. HEATON.
" J. H. TOOGOOD.
" W. BANKS GWYTHER."

Read also a letter from Mr. W. Banks Gwyther, Examiner in Drawing, pointing out the highly unsatisfactory nature of the results at the last L. E. and B. E. examinations in Free-hand Drawing, and suggesting that a thorough training in the subject should be exacted of candidates for the Engineering examinations.

The Registrar stated that in anticipation of the orders of the Syndicate he had published the name of the successful candidates in the Gazette.

RESOLVED—

That the report be adopted and the action of the Registrar be approved.

RESOLVED also—

That a copy of Mr. Gwyther's letter be forwarded to the Director of Public Instruction, Bengal, for information.

The following are the names of the successful candidates:—

B. E. EXAMINATION.

SECOND DIVISION.

In order of merit.

Pal, Saradasundar	...	... C. E. College, Sibpur.
De, Syamacharan	...	.. Ditto ditto.

L. E. EXAMINATION.

SECOND DIVISION.

In order of merit.

Bhattacharyya, Amulyakrishna	...	C. E. College, Sibpur.
Chattopadhyay, Baidyanath	...	Ditto ditto
Sur, Saratchandra ...	...	Ditto ditto

On the results of the L. E. and B. E. examinations, the Ambikacharan Chaudhuri Medal was awarded to Syamacharan De of the Civil Engineering College, Sibpur.

On the results of the B. E. examination, the Trevor Testimonial Medal and prize were awarded to Saradasundar Pal of the Civil Engineering College, Sibpur.

189. The undermentioned gentlemen were appointed Examiners for the ensuing Second L. M. S. re-examination :—

Brigade-Surgeon Lt.-Col. D. D. Cunningham, F.R.S., C.I.E.	...	... Pathology.
Dr. W. J. Simpson	...	... Hygiene.
Surgeon Lt.-Col. A. Crombie	...	... Medicine.

190. The Registrar enquired whether Mr. Tawney's English selections are to be retained for the Entrance examination of 1896.

RESOLVED—

(1.) That a volume of English selections be prepared for the Entrance examination of 1896.

(2.) That Mr. C. H. Tawney, C.I.E., be appointed to make the selections and edit them with notes, on a remuneration of Rs. 1,000.

(3.) That Messrs. Thacker, Spink & Co. be appointed the publishers.

(4.) That a certain proportion of the extracts be from copyright books, regarding which copyright Messrs. Thacker, Spink & Co. should arrange with the authors or publishers.

(5.) That at least three-fourths of the book should consist of prose taken from authors of the present century.

(6.) That at least one-half of the prose portion should consist of extracts having a direct bearing on conduct, either by way of precept or example.

(7.) That a similar principle be as far as possible kept in view in the poetical selections.

(8.) That the volume of extracts contain about as much matter as the existing English Entrance Course. (It is not intended that the whole should be read for each examination).

191. Read a letter from Babu Mahendranath Ray, M.A., B.L., a member of the Senate, pointing out that the appointment of Mr. J. H. Gilliland to set papers in Mathematics, for the ensuing B. A. examination is in contravention of the standing rule of the University that no gentle-

man shall be appointed to set a paper on a subject of which he teaches the whole or a part. (Calendar for 1893, page 122).

ORDERED—

To be deferred.

RESOLVED—

That the Vice-Chancellor be requested to convene a meeting of the Syndicate at an early date to consider the letter.

192 Read a letter from Babu Syamacharan Ganguli, B.A., a member of the Senate, suggesting that the Presidents of the respective Boards of Studies should be entrusted with the sole responsibility of recommending text-books to the Syndicate, and that the duty of the members of the Boards should be to advise their Presidents who should likewise be left free to seek advice from others besides the gentlemen over whom they preside as well as to receive advice that might come unsought.

RESOLVED—

That the Syndicate regret that they cannot adopt the suggestion.

193. Read an application from Kushalpal Sinha, a B. A. of the Allahabad University, praying to be admitted to the ensuing M. A examination in Persian.

RESOLVED—

That the applicant be admitted to the ensuing M. A. examination in Persian.

194. Read an endorsement from the Principal, Victoria College, Cooch-Behar, forwarding an application from Girischandra Datta, praying that as he has attended B. L. lectures under the old system for two consecutive years after passing the B. A. examination, he may be allowed to appear at the next or any subsequent B. L. examination on his attending further lectures for a full session.

RESOLVED—

That the Principal, Victoria College, Cooch-Behar be informed that Girischandra Datta will be admitted to the next or any subsequent B. L. examination, provided he attends further lectures for a full session, and provided that the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered during the three years.

195. Read an endorsement from the Principal, Dacca College, forwarding an application from Girischandra De and Satischandra Ray, praying that under the circumstances mentioned in the application, they may be allowed to take their admission into the first-year class of the above College, although the last date for taking such admission has expired.

RESOLVED—

The Principal, Dacca College, be informed that the attendances of Girischandra De and Satischandra Ray for the year will be counted.

196. Read an endorsement from the Principal, Rajchandra College, forwarding an application from Nibaranchandra Ghosh, praying that under the circumstances therein mentioned, he may be permitted to take his admission into the first-year class of the above College, although the last date for taking such admission has expired.

RESOLVED—

That the Principal, Rajchandra College, be informed that the lectures attended by Nibaranchandra Ghosh during the current session will be counted.

197. Read an endorsement from the Principal, City College, forwarding an application, supported by a Medical certificate from Jatindrakumar Ray, praying that his admission into the first-year class of the above College after the 31st July may be sanctioned.

RESOLVED—

That the Principal, City College, be informed that the attendance of Jatindrachandra Ray for the year will be counted.

198. Read an endorsement from the Principal, City College, forwarding an application from Syamdhan Haldar, supported by a Medical certificate, praying that under the circumstances therein mentioned, his admission into the first-year class of the above College after the 31st July may be sanctioned.

RESOLVED—

That the Principal, City College, be informed that the attendance of Syamdhan Haldar for the year will be counted.

199. Read an endorsement from the Officiating Rector, Albert College, forwarding an application from Bipinbihari Mallik, praying that under the circumstances therein mentioned, his admission into the first-year class of the above College on the 2nd August may be sanctioned.

RESOLVED—

That the Rector, Albert College, be informed that the attendance of Bipinbihari Mallik for the year will be counted.

200. Read an endorsement from the Principal, Krishnagar College, forwarding an application from Aswinikumar Datta, praying that under the circumstances therein mentioned his admission into the first-year class of the above College on the 6th August may be sanctioned.

RESOLVED—

That the Principal, Krishnagar College, be informed that the attendance of Aswinikumar Datta for the year will be counted.

201. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Saratchandra Biswas, a student who has passed the Entrance examination of the Allahabad University, praying that his admission into the first-year class of the above College after the 31st of July last, may be sanctioned with a view to enable him to qualify himself for admission to the F. A. examination of this University.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that the attendance of Saratchandra Biswas for the year will be counted.

202. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Kulachandra Mitra, praying that under the circumstances mentioned therein, his admission into the third-year class of the above College on the 5th August may be sanctioned.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that the attendance of Kulachandra Mitra for the year will be counted.

203. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from

Manindranath Sarkar, praying that under the circumstances therein mentioned, his admission into the first-year class of the above College on the 7th August may be sanctioned.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that the attendance of Manindranath Sarkar for the year will be counted.

204. Read endorsements from the Principal, Metropolitan Institution, forwarding applications from Paresnath Chaudhuri, Satyacharan Banerji and Kedarnath Basu, praying that their admission into the first-year class of the above Institution after the 31st of July last may be sanctioned.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that the attendances of Paresnath Chaudhuri, Satyacharan Banerji and Kedarnath Basu for the year will be counted.

205. Read a letter from the Principal, Rajshahye College, requesting that the admission of Radhagopal Sarkar into the first-year class of the above College on the 1st of August may be sanctioned.

RESOLVED—

That the Principal, Rajshahye College, be informed that the attendance of Radhagopal Sarkar for the year will be counted.

206. Read an application from Muhammad Ismayel, supported by a Medical certificate, praying that he may be allowed to join the first-year class of an affiliated Institution in August in order to qualify himself for the F. A. examination.

RESOLVED—

That the applicant be allowed to enter an affiliated Institution in August in order to qualify himself for admission to the F. A. examination.

207. Read a letter from the Principal, Free Church Institution and Duff College, enquiring with reference to this office letter No. 1601, dated the 5th September, 1891, whether Bhushanchandra Das, who was late in joining the third-year class after passing the F. A. examination in

1891, and who was not allowed to appear at the last B. A. examination on account of his having failed to attend 75 per cent. of the lectures delivered from the date on which the College re-opened as directed in this office letter under reference, may be allowed to appear at the ensuing B. A. examination without being required to attend further lectures.

RESOLVED—

That the Principal, Free Church Institution and Duff College, be informed that Bhushanchandra Das must attend 66 per cent. of the lectures delivered during the current session in order to make himself eligible for admission to the ensuing B. A. examination.

208. Read a letter from Mr. A. Caspersz, Tagore Law Professor for 1893, requesting that his salary for the remaining three months of August, September and October, may be paid to him on receipt of the 500 copies of his lectures from Messrs. Thacker, Spink & Co.

RESOLVED—

That Mr. Caspersz' salary for the months of August, September and October be paid to him on receipt of the 500 copies of his lectures from Messrs. Thacker, Spink & Co.

209. Read a letter signed by several members of the Senate, requesting that the Senate may be moved to reconsider the new rules for the affiliation of Colleges and the recognition of Schools.

Read also the following :—

A letter from Babu Krishnabihari Sen, M.A., on behalf of the signatories to the above letter, stating the changes which they desire to introduce into the rules for the affiliation of Colleges and the recognition of Schools.

A memorial from the heads of certain affiliated Institutions and Entrance Schools, requesting that the new rules for the affiliation of Colleges and the recognition of Schools may be reconsidered, and that pending such reconsideration their operation may be postponed.

A further requisition signed by several members of the Senate, requesting that a meeting of the Senate may be convened to consider the following proposals :—

(*i.*) That the resolution of the Senate giving retrospective effect to the new rules for the affiliation of Colleges

and the recognition of Schools passed on the 17th December last, be rescinded.

(*ii.*) That the clause (*e*) of Rule 3 for the recognition of Schools be omitted.

(*iii.*) That the Rule 8 for the affiliation of Colleges and Rule 6 for the recognition of Schools be omitted.

ORDERED—

To be deferred.

210. Read an application from Abul Munsor Ahmad Hossain, supported by the requisite permission of the Registrar, Allahabad University, praying that he may be allowed to appear at the F. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the F. A. examination provided he prosecutes a regular course of study for two years in an Institution affiliated to the University.

211. The Registrar submitted for orders the correspondence that passed between him and the Principal, St. John's College, S. P. G., Rangoon, regarding the warning conveyed in this office letter No. 1691, dated the 12th July last, that the privilege of sending up candidates to the Entrance examination will be withdrawn from the College unless better results are shown at the next examination.

ORDERED—

To be deferred.

212. Read an endorsement from the Principal, City College, forwarding an application from certain B. L. students, praying that Best's Principles of the Law of Evidence which is not available in the market, may be omitted from the list of text-books prescribed for the B. L. examination.

Read also a letter from Messrs. Thaker, Spink & Co., stating that the new edition of the book is not yet published.

RESOLVED—

That the President of the Faculty of Law berequested to instruct the examiners not to set any questions on Best's Principles of the Law of Evidence at the ensuing B. L. examination.

213. The following L. E and B. E. remuneration bill was passed :—

Names.	Subjects.	Fee for setting.	Fee for examining answer papers.	Fee for examining Projects, Designs and Drawing.	Total.	Income Tax.	Net amount.
		Rs. As.P.	Rs. As.P.	Rs. As.P.	Rs. As.P.	Rs. As. P.	Rs. As.P.
C. Little, Esq.	Mathematics	320 0 0	135 0 0	.....	455 0 0	11 13 7	443 2 5
A. Pedler, Esq.	Natural Science ...	320 0 0	130 0 0	.....	450 0 0	11 11 6	438 4 6
W. Banks Gwyther, Esq. ...	Engineering	160 0 0	67 8 0	.....	227 8 0	5 14 9	221 9 3
J. H. Toogood, Esq.	Engineering	80 0 0	37 8 0	...	117 8 0	3 0 11	114 7 1
G. C. Maconchy, Esq. ...	Engineering	320 0 0	145 0 0	.....	465 0 0	12 1 9	452 14 3
W. Banks Gwyther, Esq. ...	Drawing ...	80 0 0	37 8 0	.. ..	117 8 0	3 0 11	114 7 1
J. S. Slater, Esq.	Practical Drawing.	.....	.....	144 0 0	144 0 0	3 12 0	140 4 0
B. Heaton, Esq.	Practical Drawing.	.....	.....	144 0 0	144 0 0	3 12 0	140 4 0
Total Rupees ...		1,280 0 0	552 8 0	288 0 0	2,120 8 0	55 3 5	2,065 4 7

W. GRIFFITHS,
Registrar.

(Confirmed.)
KALICHARAN BANERJEE,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 6.

THE 26TH AUGUST, 1893.

Present:

THE HON'BLE MR JUSTICE PIGOT, *Vice-Chancellor, in the Chair.*

A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJEE, M A., B.L.
THE HON'BLE RASHBIHARY GHOSE, M A., D.L.
MAULAVI MUHAMMAD YOUSOOF, KHAN BAHADUR, B.L.
C. A. MARTIN, ESQ., LL.D.
C. LITTLE, ESQ., M.A.
BABU ASUTOSH MUKHOPADHYAY, M.A , F.R.A.S., F.R.S.E.

214. Read a letter from the President of the Faculty of Engineering, appointing Mr. C. Little to act in his place in the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

RESOLVED—

215. That the subject-matter of the communication of the Faculty of Medicine which was considered at the meeting of the Syndicate held on the 19th instant, should be considered at a meeting specially convened for this purpose.

216. Read a letter from Babu Mahendranath Ray, M.A., B.L., a member of the Senate, pointing out that the appointment of Mr. J. H. Gilliland to set papers in Mathematics for the ensuing B. A. examination is in contravention of the standing rule of the University, that no gentleman shall be appointed to set a paper in a subject of which he teaches the whole or a part. (Calendar for 1893 page 122.)

Babu Kalicharan Banerji proposed a motion.

RESOLVED—

That no action be taken on the letter of Babu Mahendranath Ray, and that the motion which Babu Kalicharan Banerjee proposed on the subject be not entertained.

For.	*Against.*
The Hon'ble Mr. Justice Pigot.	A M. Bose, Esq.
The Hon'ble Dr. Rashbihary Ghose.	Babu Kalicharan Banerjee.
Maulavi Md Yousoof, Khan Bahadur.	Babu Asutosh Mukhopadhyay, F.R.A.S., F R.S.E.
Dr. C. A. Martin.	
C. Little, Esq.	

217. Read the following :—

A letter signed by several members of the Senate, requesting that the Senate may be moved for the purpose of reconsidering the new rules for the affiliation of Colleges and the recognition of Schools.

A letter from Babu Krishnabihari Sen, M.A., Senior Member among the signatories to the above letter, stating the changes which the requisitionists desire to introduce into the new rules for the affiliation of Colleges and the recognition of Schools.

A memorial from the Heads of certain affiliated Institutions and Entrance Schools, requesting that the new rules for the affiliation of Colleges and the recognition of Schools may be reconsidered, and that pending such reconsideration, their operation may be postponed.

A letter signed by several members of the Senate, requesting that a meeting of the Senate may be convened to consider the following proposals :—

(i.) That the resolution of the Senate giving retrospective effect to the new rules for the affiliation of Colleges and the recognition of Schools passed on the 17th December last, be rescinded.

(ii.) That the clause (*e*) of Rule 3 for the recognition of Schools be omitted.

(iii.) That Rule 8 for the affiliation of Colleges and Rule 6 for the recognition of Schools be omitted.

A letter from the Offg. Director of Public Instruction, Bengal, enquiring whether under clause 3 (*e*) of the new rules for the recognition of Schools which exacts an assurance that no teacher will be allowed to teach more than 50 scholars at the same time, a School for which it is very unusual to have in attendance more than 80 per cent. of its pupils, may be allowed to have classes consisting of 60 boys on the rolls.

A letter from the Principal, Patna College, suggesting that in the case of higher classes, clause 3 (*e*) of the new rules for the recognition of Schools should be made to bear on the proportion between the total number of students in a school and the total number of English teachers.

RESOLVED—

That as some anxiety has apparently been caused in the educational body by the rules referred to and having regard to the position of the gentlemen who have made these communications to the Syndicate, the Syndicate have decided, while abstaining from making any recommendation in favour of the proposals of the memorialists, to refer these communications to the Senate in order that the parties concerned may have the opportunity, should the Senate think fit, of being heard on the subject.

They recommend that, should the Senate think fit to take into consideration the questions raised, the resolution giving retrospective effect to the new rules should be suspended.

218. A letter from Maharaja Sir Narendra Krishna, Bahadur, K.C.I.E., one of the signatories to the requisition for reconsideration of certain matters connected with the rules for the affiliation of Colleges and the recognition of Schools, requesting that an early meeting of the Senate may be convened before the commencement of the Durga Puja holidays with a view to prevent Colleges and Schools from labouring under doubt and uncertainty as regards their relation with the University, and also suggesting that the resolution of the Senate passed at their last meeting sanctioning the omission of foot-notes in pages 79 and 94 of the University Calendar for 1893 (Appendix A) be not submitted to His Excellency the Governor-General of India in Council until the questions raised in the requisition are considered by the Senate.

ORDERED—

To be deferred.

219. Read a letter from Babu Syamacharan Ganguli, B.A., a Member of the Senate, suggesting that Political Economy may be substituted for Logic in the course prescribed for the F. A. examination.

RESOLVED—

That the letter be referred to the Faculty of Arts.

220 Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Chandrabinod Poddar, praying, that under the circumstances therein mentioned, his admission into the 3rd-year class of the above College after the 31st July may be sanctioned.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that the attendance of Chandrabinod Poddar at lectures for the year will be counted.

221. Read an endorsement from the Principal, City College, forwarding an application from Aswinikumar Maulik, praying, that under the circumstances mentioned in the application, his admission into the 3rd-year class of the above College after the 31st July may be sanctioned.

RESOLVED—

That the Principal, City College, be informed that the attendance of Aswinikumar Maulik at lectures for the year will be counted.

222. The Registrar submitted for orders the correspondence that passed between him and the Principal, St. John's College, S. P. G., Rangoon, regarding the warning conveyed in this office letter No. 1691, dated the 12th July, 1893, that the privilege of sending up candidates to the Entrance examination will be withdrawn from the College unless better results are shewn at the next examination.

RESOLVED—

That no further correspondence on the subject be entered into with the Principal, St. John's College, S. P. G., Rangoon, but that he be informed that the warning conveyed in this office letter No. 1691, dated the 12th July, 1893, can, in no way, be modified.

223. The undermentioned gentlemen were appointed to look over the answer papers of candidates for the ensuing M. A. examination .—

English ...	...	...	Mr. J. Mann, M.A Mr. H. M Percival, M A. Mr. F. J. Rowe, M.A.

BRIGADE HEADQUARTERS LIBRARY

Philosophy	...	...	Dr. G. Thibaut. Dr. D. Mukhichan.
Mathematics	...	...	Mr. W. Booth, M.A. Mr. G. W. Kuchler, M.A.
Physics ...	...	...	Mr. W. Booth, M.A. Mr. A. Macdonell, M.A.
Chemistry	...	...	Surgeon-Major C. J. H Warden. Mr. W McMillan, F.C S.
Sanskrit ...	...	...	Mahamahopadhyay, Chandrakanta Tarkalankar. Babu Krishnakamal Bhattacharyya, B.L.
Persian ...	...	...	Col. H. S. Jarrett. Shams-ul-Ulama Shaikh Mahmud Gilani.

RESOLVED also—

That Brigade Surgeon Lt.-Col. D. D. Cunningham, C.I.E. be appointed to set and examine papers in Physiology and Zoology for the ensuing M. A. examination.

W. GRIFFITHS,
Registrar.

(Confirmed).
JONES Q. PIGOT,
Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 7.

THE 30TH AUGUST, 1893.

Present:

THE HON'BLE MR. JUSTICE PIGOT, *Vice-Chancellor, in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR. RASHBIHARY GHOSE, M.A.
MAULAVI MUHAMMUD YOUSOOF, KHAN BAHADUR, B.L.
DR. C. A. MARTIN.
C. LITTLE, Esq., M.A.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
SURGEON LIEUT.-COL. J. F. P. MCCONNELL, M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

224. The Minutes of the meeting of the Syndicate held on the 26th August, were read and confirmed.

225. The Syndicate then proceeded to reconsider the resolution passed at their meeting held on the 19th August on the following recommendation of the Faculty of Medicine:—

"That clause (*a*) in para. 2 of the Regulations for the degree of Doctor in Medicine (page 63 of the University Calendar for 1893) excluding from admission to the examination for the degree all such Bachelors of Medicine as have not passed the B. A. examination, be rescinded as a hardship and as being not in accordance with the Regulations of any existing British University."

RESOLVED—

That the Resolution of the 19th August (item No. 3 on the Minutes) be rescinded, and that the Syndicate, while abstaining from expressing an opinion as to the advisability of accepting the recommendation of the Faculty of Medicine relating to the M. D. degree, resolve, in deference to the opinion expressed by the Faculty, to refer the matter to the Senate for consideration.

(Confirmed). W. GRIFFITHS,

KALICHARAN BANURJI, *Registrar.*

Chairman.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 3.

THE 9TH SEPTEMBER, 1893.

Present:

THE HON'BLE MR. JUSTICE E. J. TREVELYAN, *in the Chair.*

REV. J. P. ASHTON, M.A.
RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
COL. H. S. JARRETT.
BABU GAURDAS BYSACK.
BABU KRISHNAKAMAL BHATTACHARYYA, B.L.
O. C. DUTT, ESQ.
SIR RAMESCHUNDER MITTER, KT.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
P. K. RAY, ESQ., D.SC.
A. F. RUDOLF HŒRNLE, ESQ., M.A., PH.D.
BABU TRAILOKYANATH MITRA, M.A., D.L.
W. GRIFFITHS, ESQ., M.A.
THE HON'BLE MR. JUSTICE GOOROO DASS BANERJEE, M.A., D.L.
F. J. ROWE, ESQ., M.A.
BABU SURYYAKUMAR SARBADHIKARI.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR.
BRIGADE SURGEON LIEUT.-COL. D. O'C. RAYE, M.D., F.R.C.S.
NAWAB SYED AMEER HOSSIAN, KHAN BAHADUR, C.I.E.
BABU GAURISANKAR DE, M.A., B.L.
BABU DINABANDHU DATTA.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
BABU DEBENDRANATH RAY, L.M.S.
THE HON'BLE MAULAVI ABDUL JUBBAR, KHAN BAHADUR.
SURGEON LIEUT.-COL. J. O'BRIEN, M.A., M.D., C.M., F.R.C.S.E.
C. A. MARTIN, ESQ., LL.D.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
RAI MADHABCHANDRA RAY, BAHADUR, B.A., B.C.E.
W. BOOTH, ESQ., M.A.
H. M. PERCIVAL, ESQ., M.A.
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
RAI BANKIMCHANDRA CHATTERJEE, BAHADUR, B.L.
REV. J. HECTOR, M.A.
BABU BHOLANATH PAL, M.A.
BABU NILMANI MUKERJEE, M.A., B.L.
BABU SARADACHARAN MITRA, M.A., B.L.
J. MANN, ESQ., M.A.
RAI TARAPRASANNA RAY, BAHADUR, F.C.S.
BABU BRAHMAMOHAN MALLIK.
N. N GHOSE, ESQ.
A. F. M. ABDUR RAHMAN, ESQ.
BABU CHANDRANATH BASU, M.A., B.L.
J. H. GILLILAND, ESQ., M.A.
BABU DURGAMOHAN DAS.
W. H. JOBBINS, ESQ.
BABU HARAPRASAD SASTRI, M.A.
SHAMS-UL-ULAMA MAULAVI AHMED.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M.A.
C LITTLE, ESQ., M.A.
J. C. BOSE, ESQ., B.A., B.SC.
BABU SRINATH DAS.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
THE HON'BLE GONESCHUNDER CHANDRA.
REV. H. WHITEHEAD, M.A.

MAHARAJA SIR NARENDRAKRISHNA, BAHADUR, K C I.E.
BABU SYAMACHARAN GANGULI, B A.
BABU BIPINBIHARI GUPTA. M.A.
REV. J. MORRISON, M.A, B.D.
SURGEON LIEUT.-COL J. F. P. MCCONNELL, M D., F.R.C.P.
RAI GUNABHIRAM BARUYA, BAHADUR.
BABU JOGINDRACHANDRA GHOSE, M A., B L.
BABU MAHENDRANATH RAY, M.A., B.L.
PRINCE JAHAN KADR MIRZA MUHAMMAD WAHID ALI, BAHADUR.
REV. A. P. BEGG, B.A.
BABU UPENDRANATH MITRA, M.A., B.L.
BABU NILRATAN SARKAR, M.A., M.D.
BABU RAMCHARAN MITRA, M.A., B.L.
BABU NARENDRALAL DE, M.A., B.L.

226. On the motion of Babu Asutosh Mukerjee, seconded by Maulavi Muhammed Yusoof, Khan Bahadur, the Hon'ble Mr. Justice Trevelyan was voted to the chair.

227. The Chairman said they must all regret the unavoidable absence of their Vice-Chancellor who was prevented by severe illness from attending, and it was to be hoped he would soon be well again.

The first item of business for them to consider was a resolution of the Syndicate passed at their meeting held on the 26th August, 1893 :—

"(1.) Read a letter signed by several members of the Senate, requesting that the Senate may be moved for the purpose of reconsidering the new rules for the affiliation of Colleges and the recognition of Schools.

(2.) Read a letter from Babu Krishnabihari Sen, M.A., Senior Member among the signatories to the above letter, stating the changes which the requisitionists desire to introduce into the new rules for the affiliation of Colleges and the recognition of Schools.

(3.) Read a memorial from the Heads of certain affiliated Institutions and Entrance Schools, requesting that the new rules for the affiliation of Colleges and the recognition of Schools may be reconsidered, and that pending such reconsideration, their operation may be postponed.

(4.) Read a letter signed by several members of the Senate, requesting that a meeting of the Senate may be convened to consider the following proposals.

(i.) That the resolution of the Senate giving retrospective effect to the new rules for the affiliation of Colleges and the recognition of Schools passed on the 17th December last, may be rescinded.

(ii.) That the clause (*e*) of Rule 3 for the recognition of Schools be omitted.

(iii.) That Rule 8 for the affiliation of Colleges and Rule 6 for the recognition of Schools be omitted.

(5.) Read a letter from the Offg. Director of Public Instruction, Bengal, enquiring whether under clause 3 (*e*) of the new rules for the recognition of Schools which exacts an assurance that no teacher will be allowed to teach more than 50 scholars at the same time, a School for which it is very unusual to have in attendance more than 80 per cent. of its pupils, may be allowed to have classes consisting of 60 boys on the rolls.

(6.) Read a letter from the Principal, Patna College, suggesting that in the case of higher classes, clause 3 (*e*) of the new rules for the recognition of Schools should be made to bear on the proportion between the total number of students in a School and the total number of English teachers.

RESOLVED—

That as some anxiety has apparently been caused in the Educational body by the rules referred to, and having regard to the position of gentlemen who have made these communications to the Syndicate, the Syndicate have decided, while abstaining from making any recommendation in favour of the proposals of the memorialists, to refer these communications to the Senate, in order that the parties concerned may have the opportunity, should the Senate think fit, of being heard on the subject.

They recommended that, should the Senate think fit to take into consideration the questions raised, the resolution giving retrospective effect to the new rules should be suspended."

Maharajah Sir Narendra Krishna said he must, with a sort of diffidence, address the meeting on the subject of the affiliation of private colleges and schools with the University. The public did not relish the idea of compulsory registration by the Syndicate of names of persons who conduct these institutions. It must be taken for granted that proprietors and managers of these schools employ fit and educated persons to impart knowledge to the students, in order to enable them to pass the test laid down by the University. To employ inefficient teachers would be to waste so much money on the non-achievement of the desired result by the students. All reasonable men were, therefore, surprised at the inquisitorial nature of the rules passed by the Syndicate to supply them with the sources from which their income is derived. Did the Syndicate imagine that proprietors and managers have in their service a number of thieves and gamblers who supplied them with funds to defray the expenses of their schools? They were managed by persons of education and respectability, who were generally leading members of public associations, and whose character was above all suspicion or reproach. He would allude to the absurdity of the rule which requires that a teacher should not teach more than fifty pupils at a time, directing thereby that these schools must have more teachers than their means would admit of, when the number of boys exceeds the prescribed limit. They have not the unlimited command of money possessed by the Government educational institutions, which can employ two teachers in the place of one, if necessary. The effect

of this rule would be the discontinuance of the affiliated system in many private colleges and schools. He, therefore, urged that the objectionable rules be cancelled by the Senate.

The speaker moved the following resolution, which was seconded by Babu Kshetranath Chatterjee: 'That the resolution of the Senate passed at the meeting of the 17th December last, giving retrospective effect to the new rules for the affiliation of colleges and recognition of schools be rescinded.'

The Hon'ble Mr. Justice Gooroo Dass Banerjee said that the question which had been raised was one of very great importance to the interests of education, and it was the importance of the question which was his only justification for addressing them upon it, when, perhaps, most of them had made up their minds to do an act of grace by rescinding the rules which were considered objectionable by so many persons. If he had not entertained strong views on the point, after giving his best attention to the arguments which had been advanced against the rules, he would never have thought of incurring the odium of standing in support of the rules which were considered objectionable by the public generally. The very fact of there being such a strong feeling evinced against the rules should no doubt make one pause and ponder well before pronouncing an adverse opinion. He was not one of those who thought that respect for the opinions of others was a sign of weakness; on the contrary, he thought that respect for the opinions of others was the best corrective for one's own opinions. But if he was bound to respect the opinions of others, he had also a responsibility of his own, and he thought he should ill-discharge that responsibility if he were not to place before them the reasons which weighed with him, even though he might have to do so under a not very encouraging prospect of convincing them that he was right. It was said that no rule ought to have retrospective effect, because it then affected vested interests which had been existing upon the footing of an old state of things, and that, at any rate, unless the measure was shown to be of a remedial character, retrospective effect ought not to be given to it. He freely admitted the force of this argument. But were not many of the rules in question of that character? The mover of the resolution had been good

enough to say that men of reason were surprised at the nature of some of these rules, at the absurdity of some of them, and so on. Strong expressions like these had been used. If these rules were so absurd and unreasonable, if they struck men of reason and common sense in that way, where were those men of reason and common sense when the rules were awaiting their decision for months together? It was only in December last that they were passed, after mature deliberation, and after consulting the authorities who were raising objections to them. A Committee was appointed in April 1891, to consider this scheme of affiliation of colleges and recognition of schools. The Committee consisted of members who were representative men. After the submission of their report, it was resolved that opinions should be invited from the heads of institutions. That was done, and when these opinions had been received, the question came up for discussion in August last; and on the motion of a learned member who thought that sufficient time had not been given for consideration, the debate was adjourned, and the matter was again brought up in December for discussion. Did it not therefore sound somewhat strange in their ears to be told that men of reason and commonsense were shocked at the absurdity and unreasonableness of these rules? If they thought an egregious error had been committed, he should be the last person to oppose its rectification, but he was certainly opposed to remarks like those which had been made. Notwithstanding the indecorousness of the procedure, he freely admitted they should never be slow to admit an error, but he did ask their forgiveness for cautioning them against hurrying from one error into another. What, after all, was there in the argument that retrospective effect should not be given to the rules? If the new rules were reasonable and proper and calculated to further the interests of education, why should not retrospective effect be given to them? What did these rules seek to ensure? It was said that some of the rules would have the effect of crippling the resources of educational institutions. This might be true, but he would ask whether schools and colleges existed for themselves, or for the benefit of those who were attending them for their education? If schools existed for the latter purpose, there was no reasonable objection to give retrospective effect to rules of a remedial character.

If they thought that any of the rules were not remedial, by all means they might have them rescinded. For instance there was a rule which required that affiliation should be repeated after five years, and that was a rule, the propriety of which might well be questioned. If the Maharajah objected to that he should have his unqualified support. So again there might be others of a similar nature. If it was shown that if any particular rule was not necessary, and would only be vexatious, they should by all means rescind it; but to condemn in a body all the rules which had been passed, and some of which were of a most salutary character, was a procedure, the propriety of which he failed to see. He thought they should not yield to a mere formula that retrospective effect ought not to be given to a rule. Take the rule limiting the number of students in each class. It was about the most wholesome rule they could have. No man who had any experience in the line, or who had any knowledge of how education was imparted through the medium of a foreign tongue, could fail to see the absolute necessity of a rule like this. They had been in the habit of listening to constant complaints against the slaughter of the innocents. They might reduce their standard as much as they pleased, make their examinations as easy as they liked, but as long as they did not take measures so far as they could to ensure that a proper education was given, this slaughter of the innocents would follow as an inevitable consequence, and the responsibility for that would ultimately rest upon them if they were instrumental in rescinding wholesome rules like these out of regard for a mere formula that retrospective effect ought not to be given to them. He had no objection to the rules being considered one by one, but to condemn them wholesale he considered wholly unfair. He yielded to none in condemning interference with private institutions, but they must remember that where interference was necessary, they must interfere, or else a lamentable state of things would follow. They might either have no rules at all and let all schools compete on equal terms, in which case by their free competition undue increase in the number of students in a class would be checked, or have rules such as would ensure their training up students in the way they should. He felt strongly on the point and could not allow this opportunity to pass without placing before his colleagues the argu-

ments which weighed with him against the motion which had been made.

Maulavi Muhammad Yusoof, Khan Bahadur, said that in this matter he had to propose an amendment to the resolution, because in his humble opinion the latter went a little too far and a little too fast also. What would be the result of the resolution, if it is carried at this meeting? A deliberative large body of well-informed persons, had passed a certain set of rules not hastily, but after due deliberation, the rules having been under consideration and open to comment for several months. The rules first came to be considered in April 1892: they were then taken up in August 1892, and then again in December 1892, so that a period of more than six months was taken up in bringing these rules to completion. Now in the first place the resolution itself had been moved with an utter disregard to taste, and expressions had been used in bringing forward the resolution, which the mover of the resolution himself, would in his calmer moments admit were unjustifiable and he would not fail to take the earliest opportunity to express his regret for having unthinkingly suffered those expressions to escape his lips. To say with reference to the rules that they were absurd was to go to an unwarrantable length. I would therefore construe his silence after these observations of mine, into an expressson of regret for having gone beyond the length of moderation. The last speaker, the Hon'ble Mr. Justice Banerjee, had laid the meeting under a deep debt of gratitude, not only by attending the meeting but by placing his views before them, in such eloquent and forcible terms. And as regards the subject-matter of the resolution, it must be admitted that all the while, these rules had been under consideration by the Senate, those persons who were now loudest in their clamour against them, were in Calcutta and their conduct was marked with perfect apathy: but the reason was not far to seek. At the time when these rules were under consideration, nobody understood or realised their practical effect and how they would really work in practice. Now some sort of trial and experiment was given to them, and the unworkable phase of the rules was realised. Thus at the present moment agitation of a nature was going on, so, that regard being had to the character of the body of the oppositionists to the affiliative rules and their means of knowledge and authority to speak on the subject, it would

be unsafe to disregard that opposition. Therefore as on the one hand it was impossible to condemn the rules, it was equally impossible to condemn the opposition. What he submitted was that the matter should be calmly and dispassionately considered, and that it was not necessary to go from one extreme end to the other extreme end. It was not prudent or safe either to adopt the resolution or to reject it altogether. We could not rescind the rules, in spite of all that had appeared in the adverse argument. There was no emergency to arrive at a conclusion of that kind. No doubt, that clause in the rules, which gave them retrospective effect, called for immediate attention because it was this provision which worked the hardest according to those whose opinion was entitled to weight. His amendment, therefore, was that the clause giving retrospective effect to the rules should be suspended, and the whole subject of recognition and affiliation be referred to a Committee to report on the matter. When the Committee would send in their report, the matter could be taken up; those rules which were sound and reasonable could be retained, and such of them as were not necessary, could be rescinded. This seemed to be the only proper course to take. As regards the expressions used by the Maharajah to which objection was taken by the speaker, he took it that the Maharajah by his silence did withdraw and repudiate them.

Babu Gourdas Bysack seconded the amendment.

Babu Kalicharan Banerjee said he would take the warning given by a member of the Senate as to the context of the resolution which was before the Senate, and in his remarks would confine himself to it. He opposed the motion first on the ground that if carried, it would place them in a position involving an invidious distinction between old schools and colleges and new ones.

The Chairman: Maharajah Sir Narendrakrishna wishes to say that he accepts the amendment, so you can address yourself to the amendment, the original resolution having gone.

Babu Kalicharan Banerjee said that this relieved him of the necessity of saying much of what he had intended to say, nevertheless he submitted that the resolution in its present form needed perhaps some amendment. If the Senate was of opinion that the new rules should be reconsidered, by all means reconsider them; but in so

far as the resolution now before the Senate involved a distinction between old schools and colleges and new ones, he believed it would be right if they were going to reconsider the rules, to reconsider them in the interests of all schools and colleges. If the rules were to remain in abeyance, let them remain in abeyance in the interests of all. As a matter of fact the rules had been practically suspended, in favour of old schools to the end of the year. It would hardly be fair to insist upon new schools and colleges carrying on their work in accordance with rules which were to be reconsidered. He said this particularly in the light of certain observations which he found in one of the letters addressed to the Registrar when the opinions of heads of schools and colleges were invited, in reference to a teacher not being allowed to teach a class of more than 50 boys. It was pointed out as an anomaly that this rule should apply only to new schools, while old schools would be safe from its operation. There was a feeling of this kind abroad, and he believed it would be just to all parties if they suspended and reconsidered the rules, in the interests of all schools and colleges. He would ask the moves of the amendment to give all schools and colleges the benefit of it.

Maulavi Muhammed Yusoof said that he was ready to accede to the suggestion.

Mr. R. N. Ray said that with reference to the remarks which had fallen from the last speaker, he wished to point out that the whole body of rules could not equally be applied to old and new schools. From the remarks of the Principal just quoted, it was evident that they could not be applied to old and new schools. As an illustration of the point, he would draw attention to the rules as they stood. The only rules which were of importance, were those of recognition, and the one referring to fifty students in a class. All the other rules were those which merely related to the conditions which must be fulfilled before a school could be recognised and when recognised, the condition ceased to exist and therefore he said in reference to old institutions, all these preliminary conditions having been fulfilled, they could not possibly apply again, and that was the only rule which could possibly have a practical effect if it was maintained and applied to both. But at the same time they must discriminate. The whole body of the rules

could not apply to old and new institutions. He would draw attention to a remark which had been made by Justice Gooroodass Bannerjee that Rule 8 was an obnoxious one. He submitted that it assumed an obnoxious aspect only when you came to enforce it against an old institution. As the rule stood he took it, it was never intended to apply to old institutions. If they admitted this, all the other rules from 3 to 8 merely defined conditions which must be fulfilled before an institution was finally affiliated. After final affiliation there was no further need to come up again. In that way the only rules which would be of any importance would be those which merely declared the power of the Syndicate to make rules, and there were Rules 1, 2 and 10. These again applied to all colleges. When the resolution for giving retrospective effect to these rules was proposed, he submitted that all these rules had not been carefully considered. It was rather to save the resolution, and it was passed at the very last moment. If they read the proceedings of the meeting at which the rules were passed, they would see that up to that moment not a word was said as to the rules having retrospective effect, the reason being obvious, that the rules could not possibly have retrospective effect. He submitted it was not right to say that when a set of rules were laid down, either for affiliation or recognition, old schools, schools which had already been privileged, could be placed exactly on the same footing as those occupied by new aspirants for recognition. It was perfectly fair to require new aspirants to prove their fitness, and when they had proved it, there was an end. When the rules were being reconsidered, it should be taken into consideration that there was an essential distinction between old and new institutions, and the only rules which were of permanant operation, like 9 and 3, should only concern schools, and which should be given effect to. He hoped this would be borne in mind when the Committee came to deliberate upon them.

The Chairman then put the motion to the vote, which after amendment ran as follows: "That the resolution and rules passed by the Senate at the meeting of the 17th December, 1892, regarding the affiliation of colleges and the recognition of schools, be suspended in the interests of schools and colleges, and that the whole subject of affiliation and recognition be referred to a Committee for report to the Senate."

The motion was carried unanimously, and the following Committee nominated to give effect to it:—

REV. J. P. ASHTON, M.A.
BABU KRISHNAKAMAL BHATTACHARYYA, B L.
SIR ROMESHCHUNDER MITTER, KT.
THE VERY REV. FATHER E. LAFONT, S.J , C.I.E.
BABU KALICHARAN BANERJEE, M.A., B L.
W. GRIFFITHS, ESQ , M A.
THE HON'BLE MR. JUSTICE GOOROO DASS BANERJEE, D.L.
MAULAVI MUHAMAD YUSOOF, KHAN BAHADUR.
THE HON'BLE MAULAVI ABDUL JUBBAR, KHAN BAHADUR.
C. A. MARTIN, ESQ., LL D
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
N. N. GHOSE, ESQ
BABU UMESCHANDRA DATTA, B A.
REV. H. WHITEHEAD, M.A.

W. GRIFFITHS,
Registrar.

(Confirmed).
E. J. TREVELYAN,
Chairman.

MINUTES
OF
THE FACULTY OF LAW
FOR THE YEAR 1893-94.

No. 4.

THE 12TH SEPTEMBER, 1893.

Present:

THE HON'BLE RASHBIHARY GHOSE, D.L, *President, in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.
BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
BABU JOGINDRACHANDRA GHOSE, M.A., B.L.
BABU MAHENDRANATH RAY, M.A., B.L.
BABU UPENDRANATH MITRA, M.A., B.L.
BABU RAMCHARAN MITRA, M.A., B.L.

228. Read the following report of the Committee appointed by the Faculty at their meeting held on the 7th July last:—

"To

THE REGISTRAR,
UNIVERSITY OF CALCUTTA.

SIR,

WE, a Committee appointed by the Faculty of Law to consider the letter of the Law Lecturer, Patna College, on the subject of attendance at lectures prescribed for candidates for the B. L. examination, have the honour to submit the following report:—

It is not desirable, in our opinion, for the University to prescribe any method for the distribution, over two academical years, of the number of lectures required to be delivered, by the regulations. It should be possible for the College authorities themselves so to adjust their routine as to prevent the evil apprehended. That a minimum of 36 lectures in each of the groups of subjects must be delivered to entitle a College to send up candidates for the B. L. examination, is itself a safeguard. We recommend, therefore, that the difficulty suggested, be left to the College authorities to meet for themselves, by such internal arrangements as they may think it.

We have the honour to be,
SIR,
Your most obedient Servants,

(Sd.) ROMESHCHUNDER MITTER.
" KALICHARAN BANNERJI.
" GOLAPCHANDRA SIRKAR.
" ASUTOSH MUKHOPADHYAY

7th September, 1893.

RESOLVED—

That the report be adopted.

W. GRIFFITHS,

Registrar.

(Confirmed.)

RASHBIHARY GHOSE,

President.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 8.

THE 13TH SEPTEMBER, 1893.

Present:

BABU KALICHARAN BANERJEE, M.A., B.L., *in the Chair.*

THE HON'BLE DR RASHBIHARY GHOSE, M.A, D L.
C. A. MARTIN, ESQ., LL D.
C. LITTLE, ESQ., M.A
BABU ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S E.
SURGEON LIEUT. COL. J. F. P. MCCONNELL, M.D., F.R C.P.
BABU KAILASCHANDRA BASU, L.M.S

229. The Minutes of the meetings of the Syndicate held on the 19th and 30th August, were read and confirmed.

230. With reference to the Resolution of the Syndicate, dated the 19th August, appointing Pandit Harischandra Kaviratna to bring out an edition of the Sanskrit Selections for 1896, the Registrar reported that with a view to save the cost of composition as well as to minimise the cost for revising the proofs, he had ordered an edition of the Sanskrit Entrance Selections for 1896 to be printed prior to the appointment of Pandit Harischandra Kaviratna by the Syndicate to bring out the edition and that the book is now ready for publication.

RESOLVED—

That the action of the Registrar be approved, and that a remuneration of Rs. 50 be paid to Pandit Chandramohan Tarkalakar for revising the proofs.

231. Read the Minutes of the Faculty of Law, dated the 12th September.

ORDERED—

To be recorded.

RESOLVED—

That the difficulties set forth in the letter of the Law Lecturer, Patna College, be left to the College authorities themselves to meet by such internal arrangements as they may think fit.

232. The Registrar enquired what steps are to be taken with reference to the next election of Fellows.

RESOLVED—

That the Secretary to the Government of India, in the Home Department, be requested to state whether there will be an election of Fellows by the graduates of this University in January next, and if so, to furnish detailed instructions as to the number of Fellows to be elected, the qualifications of the candidates for election, and the qualifications of the electors.

233. Read a letter from Mr. J. H. Gilliland, stating that as certain members of the Syndicate object to his appointment as Examiner in Mathematics for the ensuing B. A. examination, he must decline to allow his papers to be made use of at the ensuing examinations, and requesting that the duplicate copies of the F. A. and B. A. papers set by him may be returned to him.

Dr. Martin moved that Mr. Gilliland should be asked to reconsider his letter dated the 7th September.

Babu Asutosh Mukhopadhyay moved as an amendment that the Syndicate regret that Mr. Gilliland should have considered it necessary to ask for the return of the duplicate copies of the F. A. and B. A. papers set by him, but resolve to return the papers to him.

The amendment was put to the vote and lost. The original motion was then put to the vote and carried.

234. Read a letter from the Rev. J. Hector, M.A., dated 8th September, 1893, stating that he taught English (Prose) in the First-year Class five months before his appointment to set papers in English for the ensuing F. A. examination.

RESOLVED—

That the Syndicate see no reason under the circumstances, for cancelling the papers in English Prose set by Mr. Hector for the ensuing F. A. examination.

235. Read an endorsement from the Comptroller and Auditor-General, forwarding a copy of the report on the

audit of the University accounts for the period commencing on the 1st April, 1892, and ending on the 30th June, 1893, and requesting that the usual audit fee for 1892-93 may be paid.

RESOLVED—

(i.) That the accounts with the Auditor's report be laid before the Senate.

(ii.) That a fee of Rs. 250 for auditing the accounts of the University be paid to the Comptroller-General.

236. Read a letter from the Deputy Secretary to the Government of India, in the Home Department, forwarding a copy of a despatch from the Secretary of State, regarding the rules for Indian Government scholars in England, and requesting that the amended rules may be substituted for those contained in page 213 of the University Calendar for 1893.

RESOLVED—

That the new rules be published in the Calendar in place of the old rules printed in page 213 of the Calendar for 1893

237. Read a letter from the Superintendent, Baptist Mission Press, requesting the sanction of the Syndicate to certain further modifications of the plan for printing the Tagore Law Lectures delivered by Maulavi Muhammad Yusoof, Khan Bahadur.

RESOLVED—

That the modifications introduced by the Lecturer be sanctioned, provided the changes involve no additional cost to the University.

238. Read a letter from the Secretary to the Government of Bengal in the Public Works Department, forwarding copy of a letter from the Executive Engineer, 2nd Calcutta Division, and stating in reply to this office letter No. 1733, dated the 27th July last, that the cheque tendered in payment of certain repairs to the University building cannot be accepted by the Public Works Department, as the repairs were not of a permanent nature, and as the work in question was not carried out by the Eexecutive Engineer, 2nd Calcutta Division, nor under his orders.

RESOLVED—

That the cheque drawn in favour of the Executive Engineer, 2nd Calcutta Division, be drawn in favour of the Contractor who carried out the repairs and handed over to him.

239. Read a letter from the Principal, Anglo-Armenian Boys' School at Julfa, Ispahan, requesting that the Institution may be recognised by the University as a High School qualified to send up candidates to the Entrance examination, and that Julfa may be appointed a centre for holding the Entrance examination.

RESOLVED—

That the Principal, Anglo-Armenian Boys' School at Julfa, be informed that the Syndicate regret that they cannot appoint Julfa a centre for holding the Entrance examination.

240. Read a letter from the Rector, St. Xavier's College, forwarding an application from certain Jewish students, praying that their non-attendance at College on Saturdays and Feast days may not be taken into account in calculating the percentage of their attendance at lectures.

RESOLVED—

That the Rector, St. Xavier's College, be informed that the Syndicate regret that they are unable to grant the prayer of the applicants.

241. Read an endorsement from the Lady Principal, Bethune College, forwarding an application from Matilda Cohen, a candidate who intends to appear for Honours in English and Mathematics at the next B. A. examination, stating that as a Jewess she is precluded from doing any secular work on Saturdays, and praying that the order in which the examination is to be held may be so arranged as not to fix Saturday as one of the days for examination in Mathematics.

RESOLVED—

That the 3rd and 4th Honour papers in Mathematics be given out on Monday, the 5th March, 1894.

242. Read an endorsement from the Principal, Hughli College, forwarding an application from the unsuccesful B. A. (B. Course) students, praying that an alternative

paper on the full course of Chemistry may be set at the ensuing B. A. examination for their benefit.

RESOLVED—

That the Principal, Hughli College, be informed that the Syndicate regret that they cannot grant the prayer of the applicants.

243. Read an application from Sureschandra Ball, praying that his surname "Ball" may be changed to "Sen."

RESOLVED—

That the surname of Sureschandra "Ball" be changed to "Sen" in the records of the University and in his B. A. and M. A. Diplomas.

244. The Registrar reported that subject to the sanction of the Syndicate he had authorised the admission of the undermentioned students into the first-year classes of the Colleges noted opposite their names during the month of August, with a view to enable them to count the present session :—

Shashthidas Mukerjee	...	Hughli College.
Abala Ranjan Endra	...	Rangoon College.
Fazlur Rahaman Ahmed	...	City College.
Amulyadhan Mukerjee	...	Ditto.
Saratchandra Chakrabarti	...	Burdwan Raj College.
Umeschandra Chaudhuri	...	Any Affiliated Institution.
Sasadhar Chakrabarti	...	Victoria College, Naral.

RESOLVED—

That the action of the Registrar be approved.

245 Read an endorsement from the Principal, Ripon College, forwarding an application from Mathuranath Kar, an unsuccessful candidate at the last B. A. examination praying that his admission into the fourth-year class of the above College on the 28th August may be sanctioned,

RESOLVED—

That the Principal, Ripon College, be informed that owing to the fact that the 27th August was a Sunday, the admission of Mathuranath Kar into the fourth-year class of the above College, on the 28th August, is sanctioned.

246. Read a letter from the Principal, Rajchandra College, Barisal, requesting that the admission of Anandamohan Basu, an unsuccessful candidate at the last F. A. examination, into the second-year class of the above College on the 28th August, may be sanctioned.

RESOLVED—

That the Principal, Rajchandra College, Barisal, be informed that owing to the fact that the 27th August was a Sunday, the admission of Anandamohan Basu into the second-year class of the above College on the 28th August, is sanctioned.

247. Read an endorsement from the Inspector of Schools, Presidency Circle, forwarding a copy of a report from the Deputy Inspector of Schools, Calcutta, on the application of the Secretary to the Khidderpur Institution.

RESOLVED—

That the Institution be recognised as a High School qualified to send up candidates to the Entrance examination.

248. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Hemendranath Ghoshal, praying that under the circumstances therein mentioned, he may be allowed to appear at the B. L. examination in 1894 on his attending further lectures from September 1893 to August 1894.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Hemendranath Ghoshal will be admitted to the B. L. examination of 1894, provided he attends 75 per cent. of the lectures delivered from September 1893 to August 1894.

249. Read a letter from the Principal, Rangoon College, dated 30th August, 1893, forwarding an application from Mra Tha U., praying that his admission into the first-year class of the above College after the 31st July last, may be sanctioned.

RESOLVED—

That the Principal, Rangoon College, be informed that the admission of Mra Tha U into the first-year class of the above College after the 31st July is sanctioned with a view to enable the student to count the present session.

250. Read an endorsement from the Principal, Uttarpara College, dated the 2nd September, 1893, forwarding an application from Lakshminarayan Das, praying that his admission into the first-year class of the above College after the 31st July, may be sanctioned.

RESOLVED—

That the Principal, Uttarpara College, be informed that the admission of Lakshminarayan Das into the first-year class of the above College after the 31st July is sanctioned with a view to enable the student to count the present session.

251. Read an endorsement, dated 7th September, 1893, from the Principal, City College, forwarding an application from Jagadipnarayan Singh, an unsuccessful candidate at the last F. A. examination, praying that, under the circumstances mentioned in the application, his admission into the second-year class of the above College after the 26th August, may be sanctioned.

RESOLVED—

That the Principal, City College, be informed that the Syndicate regret that they cannot grant the prayer of the applicant.

252 Read a letter from Babu Chandramohan Ghosh, forwarding a copy of his "*Chhandah Sara Sangraha*," and suggesting the introduction of the subject treated in the book into the University curriculum.

RESOLVED—

That the book be referred to the Board of Studies in Sanskrit and Sanskritic languages

W. GRIFFITHS,
Registrar

(Confirmed).
MAHENDRALAL SIRCAR,
Chairman

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 9.

THE 17TH NOVEMBER.

(*In Circulation.*)

253. Read an endorsement from the Principal, Medical College, Calcutta, forwarding an application from two unsuccessful candidates at the last Second L. M. S. examination, praying that under the circumstances therein mentioned, they may be allowed to appear at the ensuing half-yearly re-examination to be held on the 20th November, without being required to attend a regular course of instruction in Hygiene, a subject in which they were rejected at the previous examination.

Read also a reference from the Registrar on the subject and the opinions of the members of the Syndicate thereon.

Read also a letter from Dr. Mahendralal Sircar and Babu Asutosh Mukhopadhyay, suggesting that as there has been a difference of opinion among the members of the Syndicate as to what ought to be done with reference to the application of the candidates for the Second L. M. S. Re-examination, the entire Re-examination be postponed till the Syndicate have an opportunity of considering the matter at a meeting.

RESOLVED—

That the Second L. M. S. Re-examination be deferred, until such a date as the Syndicate may fix at their next meeting.

W. GRIFFITHS,

Registrar

(Confirmed.)

MAHENDRALAL SIRCAR,

Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 10.

THE 25TH NOVEMBER, 1893.

Present:

DR. MAHENDRALAL SIRCAR, C.I E., *in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B L.
THE HON'BLE DR. RASHBEHARI GHOSE.
MAULAVI MUHAMMED YOSOOF, KHAN BAHADUR, B.L.
C. A. MARTIN, ESQ., LL.D.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
SURGEON LIEUT.-COL. J. F. P. MCCONNELL, M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

254. The Minutes of the meetings of the Syndicate held on the 13th September and 17th November, were read and confirmed.

255. Read the Proceedings of the Board of Studies in Mathematics, dated the 20th November.

RESOLVED—

That the Syndicate recommend to the Senate—

(*i.*) That for paragraph 8 of the M. A. Regulations (Calendar for 1893, p. 44,) the following be substituted :—

"Candidates in Mathematics shall be allowed to select alternatively one of the following groups of subjects :—

(A.) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(B.) Mixed Mathematics as principle subject with Pure Mathematics as subsidiary subject.

Candidates who select group (A), shall be examined in the following subjects :—

(1) Algebra.
(2) Trigonometry, Plane and Spherical.
(3) Theory of Equations.

(4) Analytical Plane Geometry, including the Higher Plane Curves.
(5) Analytical Solid Geometry.
(6) Differential Calculus.
(7) Integral Calculus, including the elements of the Calculus of Variations.
(8) Differential Equations.
(9) Analytical Statics.
(10) Dynamics of a Particle.
(11) Hydrostatics and Elementary Hydrokinetics.
(12) Newton's Principia, Sections, I, II, III.
(13) Astronomy.

Candidates who select group (B), shall be examined in the following subjects :—

(1) Analytical Plane Geometry.
(2) Analytical Solid Geometry.
(3) Differential Calculus.
(4) Integral Calculus, including the elements of the Calculus of Variations.
(5) Analytical Statics.
(6) Dynamics of a Particle.
(7) Rigid Dynamics.
(8) Hydro-mechanics, including the elements of the Theory of Sound.
(9) Astronomy.
(10) Newton's Principia, Sections I, II, III, IX, XI,

Candidates shall be required to possess a knowledge of so much of the Theory of Equations, Differential Equations, Spherical Trigonometry and Geometrical Optics as is necessary to understand the subjects in group (B.)

(*ii.*) That the Proceedings be brought up again, after the above recommendations have been considered by the Senate.

RESOLVED also—

(*i.*) That candidates for the Premchand Roychand Studentship examination of 1894, who take up Pure Mathematics be examined in the following subjects :—

(1) Algebra.
(2) Trigonometry, Plane and Spherical.
(3) Theory of Equations.
(4) Analytical Plane Geometry, including the Higher Plane Curves.
(5) Analytical Solid Geometry.
(6) Differential Calculus.
(7) Integral Calculus, including the elements of the Calculus of Variations.
(8) Differential Equations.

and that the following books be recommended :—

Chrystal	...	...	Algebra, Part II, Chaps. XXIII —XXVIII, XXXII, XXXV.
Hobson	...	...	Plane Trigonometry.
Casey	...	...	Spherical Trigonometry.
Burnside and Panton		...	Theory of Equations (3rd Edition.)
Salmon	...	...	Conic Sections.
Salmon	...	...	Higher Plane Curves, Chaps. I—V, omitting Section V.
Salmon	...	...	Geometry of three Dimensions (omitting the last two chapters.)
Williamson	...	...	Differential Calculus (7th Edition)
Williamson	...	...	Integral Calculus (6th Edition.)
Forsyth	...	...	Differential Equations.

(*ii.*) That candidates for the Prem Chand Roy Chand Studentship Examination of 1894, who take up Mixed Mathematics be examined in the following subjects :—

(1) Analytical Statics.
(2) Dynamics of a Particle.
(3) Rigid Dynamics.
(4) Hydro-mechanics, including the elements of the Theory of Sound.
(5.) Astronomy.
(6.) Newton's Principia, Sections I, II, III, IX, XI.

and that the following books be recommended :—

Minchin	...	...	Statics (4th Edition), omitting Chap. XIV.
Tait and Steele	...	...	Dynamics of a Particle
Routh	...	...	Rigid Dynamics, Part I.
Besant	...	...	Hydro-mechanics, Part I (Hydrostatics.)
Basset	...	...	Elementary Treatise on Hydrodynamics and Sound.
Godfray	...	...	Astronomy.
Newton	...	...	Principia, Sections I, II, III, IX, XI.

256. Read the following Proceedings of the Board of Studies in History, Political Economy and Geography, dated the 21st November.

" Read the following report of the Committee appointed by the Board at their meeting held on the 4th August, 1893 :—

1. We, the undersigned members of the Committee appointed o revise the list of Text-books for the M. A.

examination in History, have the honour to submit the following report :—

2. We consider a reduction in the total amount of matter prescribed for study advisable. We have effected such a reduction in the list given below, chiefly under (*c*.)

3. We consider the absence of prescribed Text-books under heading (*a*) of the subjects stated on page 44 of the Calendar for 1893, to be a source of inconvenience. We recommend that Text-books should be prescribed under this heading.

4. We are of opinion, taking into consideration the fact that, since the present Regulations for the M. A. examination came into force in 1885, a selected period of European history has been invariably prescribed, that a change to a selected period of Indian history, as recognised by these Regulations, is desirable.

5. We have selected such a period of Indian history. But as an English translation of one of the most important works necessary for the study of this period has not yet been published, we have substituted, as a temporary measure, English translations of extracts from that work, in case the Board should decide upon now prescribing this period of Indian history for the examination of 1896, instead of deferring the question to its next ordinary annual meeting. The work we refer to is the Akbar Nama of Abul Fazl, of which an English translation, we understand, is in course of preparation. The substitute we propose is the extracts from Elliot's History of India, Vol. VI, pp. 1—102.

6. Should the Board prefer to wait for the publication of the English translation of the Akbar Nama before prescribing this period of Indian history, we recommend a period of European history for the examination of 1896.

7. We accordingly recommend the following revised list :—

(*a*) Green's History of the English People, 4 vols.
Miss Martineau's History of the Thirty Years' Peace, vols. i, ii and iii up to book v., ch. 9.
Mill's History of British India, edited by Wilson ; vols. iii, iv, v ; book iv to book vi, ch. 6.

(*b*) Stubbs's Constitutional History of England.
Hallam's „ „ „
Erskine May's „ „ „

(*c*) *Either* European History from 1754 to 1795 :—
Mahon's History of England—from ch. 32 to the end.
Lecky's „ „ during the eighteenth century—from ch. 7 to end of vol. vii.
Von Sybel's French Revolution, translated by W. C. Perry ; 4 vols.
De Toqueville's France before the Revolution of 1789.
Dyer's History of Modern Europe—from book vi, ch. 5 to book vii, ch. 7.
Or Indian History, the Reign of Akbar.
Abul Fazl's Akbar Nama.*
„ „ Ain-i-Akbari,† translated by Blochmann and Jarrett.
Al Badaoni's Muntakhab-ut-Tawarikh, translated by Lowe, vol. ii.
Briggs's History of the rise of the Mahomedan Power in India ; vol. ii, pp. 181—282 ; vol. iii, pp. 113—188, 237—313, 395—484 ; vol. iv., pp. 153—166, 313—327, 507—530 : edition of 1829.
Elliot's History of India as told by its own Historians ; vol. v., pp. 247—476 ; vol. vi, pp. 1—174, 189—194, 290.
Tod's Rajasthan, vol. i, Annals of Mewar, ch. 10 to ch. 12, paras. 1 and 2.
Stewart's History of Bengal, Sections v and vi, pp. 146—205 : edition of 1813.
Latif's History of the Punjab, part ii, ch. 13.
Bayley's History of Gujerat—Introduction.
Thomas's Revenue Resources of the Mughal Empire—Akbar's Revenues.

(*d*). Sidgwick's Elements of Politics.
Austin's Jurisprudence, Lectures v and vi.
Wheaton's International Law, Parts i and ii

(*e*). Adam Smith's Wealth of Nations.
Mill's Principles of Political Economy.
Marshall's Principles of Economics, vol. i, omitting the Appendix.
Levi's History of British Commerce.

8. We beg to add the following explanations of particular alterations made in the above list :—

Under (*a*) a portion of Indian History has been prescribed in accordance with the Regulations which include the dependencies under the History of England. It being found impossible, without exceeding due limits, to prescribe the whole of British Indian History down to 1837, we have recommended only a period corresponding nearly to the selected portion of European History.

Under (*b*) we recommend Stubbs's History to take the place of the portion hitherto prescribed from Hallam's Middle Ages The consequent increase of bulk under this heading is more than counterbalanced by reductions under other headings.

* English translation not yet published.
† Vols. i and ii published : vol. iii (and last) partly published.

Under (*c*) with regard to works to be studied with reference to original sources, we have confined ourselves to such works only on the histories of England and France, it being found impossible to include similar works on the histories of other European countries, without unduly extending the list. We have therefore recommended Dyer's History as giving a general view of the selected period, although this work cannot be looked upon as based upon original sources.

Under (*d*) Guizot's History of Civilization does not seem to us to meet the definition of the subject of Political Philosophy prescribed by the Regulations. We recommend Sidgwick's Politics instead Mill's Representative Government is already a Text-books for the B. A. Honours. We omit it.

Under (*e*) we consider Adam Smith, Mill and Marshall to be the best representatives for the present purpose, of the British School of Economics, and accordingly substitute Marshall for Sidgwick's book.

H. M. PERCIVAL.
K. C. BANURJI.
JOHN MORRISON.

CALCUTTA :
30*th October*, 1893

RESOLVED—

(1.) That the Board recommend to the Syndicate that the recommendation of the Committee under para. 7 be adopted with regard to the headings *(a)*, *(b)*, *(d)* and *(e)*; and that under heading *(c)* the period of European History recommended be adopted, so that the test-books for the M. A. examination of 1896 will be as follows :—

(*a*) Green's History of the English People, 4 vols.
Miss Martineau's History of the Thirty Years Peace, vols. i, ii and iii up to book v., ch. 9.
Mill's History of British India, edited by Wilson ; vols. iii, iv, v (book iv to book vi, ch, 6.)

(*b*) Stubbs's Constitutional History of England.
Hallam's " " "
Erskine May's " " "

(*c*) European History from 1754 to 1795 :—
Mahon's History of England—from ch. 32 to the end.
Lecky's " " during the eighteenth century—from ch. 7 to end of vol. vii.
Von Sybel's French Revolution, translated by W. C. Perry ; 4 vols.
De Toqueville's France before the Revolution of 1789. Translated by Keene.
Dyer's History of Modern Europe—from book vi, ch. 5 to book vii, ch. 7.

(*d*). Sidgwick Elements of Politics.
Austin's Jurisprudence, Lectures v and vi.
Wheaton's International Law, Parts i and ii.
(*e*). Adam Smith's Wealth of Nations.
Mill's Principles of Political Economy.
Marshall's Principles of Economics, vol. i, omitting the Appendix
Levi's History of British Commerce

(*ii.*) That the Board strongly recommend that as soon as text-books are available a period of Indian History, preferably the reign of Akbar as recommended by the Committee, be prescribed."

RESOLVED—

1. That the books recommended by the Board for the M. A. examination in History for 1896, be prescribed.

257. The following dates were fixed for holding the L. M. S. and M. B. examinations :—

L. M. S. Examination—Monday, the 12th March, and following days.

M. B. Examination—Monday, the 16th April, and following days.

258. The undermentioned gentlemen were appointed a Board of Examiners for the ensuing L. M. S. and M. B. examinations :—

Anatomy	Surgn.-Capt. J. B. Gibbons.
Chemistry	A. Pedler, Esq., F.R.S.
Materia Medica	Maulavi Zahiruddin Ahmed, L.M.S.
Medical Jurisprudence ...	Rai Taraprasanna Ray, Bahadur, F.C.S.
Botany	Surgn.-Capt. D. Prain, M.D.
Medicine	Surgn.-Lt.-Col. A. Crombie, M D.
Surgery	Surgn. Lt.-Col. J. O'Brien. A. M. M.D F.R.C.S.
Physiology	Surgn.-Maj. G. Bomford. M.D.
Pathology	Brig. Surgn. Lt.-Col. D. D. Cunningham, M.B., F.R.S., C.I.E.
Hygiene	W. J. Simpson, Esq., M.D.
Midwifery	Surgn.-Capt. C. R. M. Green.
Comp Anatomy	Surgn.-Capt. J. H. Tull Walsh.

259. The following dates were fixed for the ensuing examinations in Engineering :—

F. E. Examination—Monday, the 16th April and following days.

L. E. and B. E. Examinations—Monday, the 9th July and following days.

260. The undermentioned gentlemen were appointed examiners for the ensuing F. E., L. E. and B. E. examinations :—

Mathematics	C. Little, Esq., M.A.
Natural Science	A. Pedler, Esq., F.R.S.
Engineering	G C Maconchy, Esq. K. H. Stephen, Esq.
Drawing	W. B. Gwyther, Esq
Practical Drawing	J. S. Slater, Esq. B. Heaton, Esq.

261. The second L. M. S. re-examination was ordered to be held on Tuesday, the 2nd January, and following days.

262. Read a letter from the Officiating Deputy Secretary to the Government of India, in the Home Department, conveying the approval of His Excellency the Governor-General of India in Council to the changes in the Regulations for the Engineering examinations.

ORDERED—

To be recorded.

263. Read a letter from Mr. Charles H. Tawney, C.I.E., stating in reply to this office letter No. 1774, dated the 22nd August last, that he accepts the offer that he should compile an English Course for the Entrance examination of 1896.

ORDERED—

To be recorded.

264. Read letters from Mr. Charles H. Tawney, C.I.E., forwarding lists of prose passages and poetical extracts for the English Entrance Course for 1896.

Read also a letter from Messrs. Thacker, Spink & Co., intimating that they have received from Mr. Tawney a complete list of prose passages and poetical extracts for the English Course for the Entrance examination of 1896, that they have entered into correspondence with the owners of the copyrights, and that they are prepared to undertake the publication on the same terms as the present series, *viz.*, that they pay to the University a royalty of 8 annas per copy for every copy sold and sell to the public at Rs. 1-8 per copy.

RESOLVED—

(*i.*) That the prose passages and poetical extracts selected by Mr. Tawney for the English Course for the Entrance Examination of 1896 be approved.

(*ii.*) That Messrs. Thacker, Spink & Co. be authorised to publish the book according to the terms of their letter.

(*iii.*) That a copy of the letter from Messrs. Thacker Spink & Co. be forwarded to Mr. Tawney for information.'

265. Read a letter from the Officiating Deputy Secretary to the Government of India, in the Home Department, forwarding a copy of a letter from the Comptroller and Auditor-General, No. A/49, dated the 28th August last, reporting the results of the audit of the accounts of the University for the period commencing on the 1st April, 1892, and ending on 30th June, 1893, and inviting the special attention of the Syndicate to paras. 6—8 thereof.

RESOLVED—

(*i.*) That the report be laid before the Senate with the accounts.

(*ii.*) That the following investments be made':—

Duff Memorial Fund	...	...	Rs. 1,000
Eshan Scholarship Fund	...	...	„ 1,000
Saradaprasad Scholarship Fund	...	...	„ 1,000
Sibley Scholarship Fund	...	...	„ 1,000

266. Read a letter from the Secretary, District Charitable Society, intimating that Rs. 338-4 have been paid out of the funds of the above Society, in enforcing the joint claims of the University, the Mayo Hospital and the above Society under the will of the late Babu Priyanath Datta, and requesting that one-third share of the amount advanced may be paid by the University as agreed in this office letter No. 671 of the 11th December, 1890.

ORDERED—

That Rs. 112-12 be paid to the Secretary, District Charitable Society.

267. Read an endorsement from the Officiating Director of Public Instruction, Bengal, forwarding a copy of a letter from the Head Master, Zila School, Pabna,

complaining of the delay which occurs in intimating to the Heads of High Schools in the Mofussil the text-book in English for the Entrance examination annually prescribed by the Syndicate.

Read also the Registrar's reply to the above.

RESOLVED—

That in future, as soon as the text-books for the Entrance examination have been prescribed, a provisional list, subject to the confirmation of the Minutes by the Syndicate, be published in the Gazette.

268. Read a letter from Sayid Ashrafuddin Ahmed, a Member of the Senate, requesting that his work on the life of Haji Muhammud Mohsin and his ancestors may be adopted as a text-book in Persian for the Entrance and F. A. examinations.

RESOLVED—

That the letter be referred to the Board of Studies in Arabic, Persian and Urdu.

269. Read an endorsement from the Principal, Presidency College, forwarding an application from the students of the College preparing for the M. A. examination in Mathematics in 1894, praying that Chrystal's Algebra be excluded from the list of text-books for 1894, and Hall and Knights' Algebra be substituted in its place.

RESOLVED—

That the Principal, Presidency College, be informed that the prayer of the applicants cannot be granted.

270. Read a letter from the Principal, Tej Narayan Jubilee College, Bhagalpur, requesting that Bhagalpur may be appointed a centre for the purpose of holding the B. A. examination.

Read also a letter from the Principal, Tej Narayan Jubilee College, Bhagalpur, forwarding a copy of a letter from the Officiating Inspector of Schools, Behar Circle, stating that the proposal to appoint Bhagalpur a centre for holding the B. A. examination has his entire support.

RESOLVED—

That Bhagalpur be appointed a centre for holding the B. A. examination.

271 Read a letter from the Rector, St. Paul's School, Darjeeling, requesting that Darjeeling may be included in the list of centres for holding the F. A. examination.

RESOLVED—

That the Rector, St. Paul's School, be informed that the Syndicate regret that they cannot include Darjeeling in the list of centres for holding the F. A. examination.

272. The Registrar enquired whether Simla should be retained in the list of centres for holding the Entrance examination.

RESOLVED—

That the Syndicate do not think it expedient to include Simla in the list of centres for holding the Entrance examination.

273. Read a letter from the Principal, Burdwan Raj College, forwarding an application from Biswambhar Kundu, and stating that in accordance with the order of the Registrar on the original application of the student, he admitted him into the First-year class of the above College, after the 31st July last, in order to enable him to count the present session.

RESOLVED—

That the Principal, Burdwan Raj College, be informed that the admission of Biswambhar Kundu into the First-year class of the above College after the 31st July is sanctioned with a view to enable him to count the present session.

274. Read a letter from the Inspector of Schools, Rajshahye Circle and Burdwan Division, forwarding a copy of a letter from Ramchandra Bag, a candidate who intends to appear at the ensuing B. A. examination as a teacher, and enquiring, with reference to the foot-note under paragraph 5 of the Regulations in page 34 of the University Calendar for 1893, whether by the words "the last examination" which occur at the end of the foot-note, is meant the examination to which the candidate was last admitted or the examination held last by the University.

RESOLVED—

That the Inspector of Schools, Rajshahye Circle and Burdwan Division, be informed that by the expression

"the last examination" is meant the examination last held by the University.

275. Read an endorsement from the Principal, Presidency College, forwarding an application from Satyendranath Ray, praying that his surname "Ray" may be changed to "Raychaudhuri" in his B. A. diploma.

RESOLVED—

That the Principal, Presidency College, be requested to ask the applicant to submit an affidavit made before a Magistrate in support of the statement made in his application.

276. Read an endorsement from the Inspector of Schools, Behar Circle, forwarding an application from Syed Tabarak Hossein, 5th Teacher, Sasseram H. E. School, praying that, under the circumstances therein stated, he may be allowed to appear at the ensuing F. A. examination as a teacher.

RESOLVED—

That the Inspector of Schools, Behar Circle, be informed that Syed Tabarak Hossein will be allowed to appear at the ensuing F. A. examination as a teacher.

277. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Gopikrishna Kundu, stating that he attended law lectures in the above College for two years and a half subsequent to his passing the B. A. examination in 1888, and enquiring whether further attendance at lectures for six months will make him eligible for admission to the B. L. examination in 1894.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Gopikrishna Kundu will be admitted to the B. L. examination, provided he attends further lectures for a full year, and provided that the lectures attended by him be not less than 75 per cent. of the total number of lectures delivered in the Institution during the three years.

278. Read a letter from Babu Haragobinda Sen, forwarding a certificate in original from the Collector of Rajshahye, in support of his application for changing the statement of age made by Kumar Sarat Kumar Ray in

his application for admission to the Entrance examination of 1893.

RESOLVED—

That Babu Haragobinda Sen be informed that the statement of age made by Saratkumar Ray in his application for admission to the Entrance examination of 1893 cannot be changed.

279. Read an application from P. J. Varughese, a B. A. of the Madras University, praying that he may be allowed to prosecute his law studies in the Morris College, in order to make himself eligible for admission to the B. L. examination of this University, and submitting a certificate from the Registrar, Madras University, in support of his application.

RESOLVED—

That P. J. Varughese be allowed to prosecute his law studies in the Morris College with a view to making himself eligible for admission to the B. L. examination.

280. Read an application from V. Subrahmanyan, a B. A. of the Madras University, praying that he may be allowed to prosecute his law studies in the Agra College with a view to qualify himself for the B. L. examination of this University, and submitting a certificate from the Registrar, Madras University, in support of his application.

RESOLVED—

That the applicant be informed that he will be admitted to the B. L. examination, provided he can produce a certificate from the Principal, Agra College, or any other College affiliated in Law to this University in the form prescribed in pp. 86 and 87 of the University Calendar for 1893.

281. Read an application from A. R. Lamb, an unsuccessful candidate at the B. A. examination of 1892, enquiring whether his service as a teacher at Singapore will make him eligible for admission to the ensuing B. A. examination.

RESOLVED—

That the applicant be informed that he will be admitted to the ensuing B. A. examination as a teacher.

282. Read an endorsement from the Principal, City College, forwarding an application from Nibaranchandra Bhattacharyya, a student who has passed the Intermediate examination of the Allahabad University, praying that he may be allowed to appear at the B. A. examination.

RESOLVED—

That the Principal, City College, be informed that Nibaranchandra Bhattacharyya will be admitted to the B. A. examination.

283. Read an endorsement from the Principal, General Assembly's Institution, forwarding an application from Satyacharan Biswas, praying that under the circumstances therein stated, his admission into the First-year class of the above College on the 31st August may be sanctioned with a view to enable him to count the present session.

RESOLVED—

That the Principal, General Assembly's Institution, be informed that the admission of Satyacharan Biswas into the First-year class of the above Institution on the 31st August last is sanctioned with a view to enable the student to count the present session.

284. Read an endorsement from the Principal, Brajamohan Institution, Barisal, forwarding an application from Sasibhushan Acharyya, a student who intends to appear at the F. A. examination in 1895, praying that under the circumstances mentioned in his application the deficiency of seven days in his attendance at lectures in Sanskrit may be overlooked.

RESOLVED—

That the Principal, Brajamohan Institution, be informed that the applicant's prayer cannot be granted.

285. Read a letter from the Principal, Rangoon College, suggesting that at the F. A. examination in 1895, an alternative paper may be set from Taylor's Elementary Geometry of Conics.

RESOLVED—

That the Principal, Rangoon College, be informed that his suggestion cannot be adopted.

286. Read an application from J. E. Dennison, who has passed the Intermediate examination of the London

University, praying that he may be allowed to appear at the B. A. examination as a teacher.

RESOLVED—

That the application of J. E. Dennison be rejected.

287. Read a letter from the Principal, Ramsay College, Almora, requesting that Lydia Dutt, a female candidate for the ensuing Entrance examination, who is a medical practitioner and is in charge of a local hospital, may be allowed to be examined at Almora, and stating that he is willing to make the necessary arrangements for conducting the examination at the College.

RESOLVED—

That the Principal, Ramsay College, Almora, be informed that Lydia Dutt will be allowed to sit for the ensuing Entrance examination at the above College.

288. Read a letter from the Principal, Ripon College, suggesting that a circular may be issued to the Heads of all affiliated Institutions defining the expression "Six Calendar Months" which occurs in paragraphs 4 and 5 of the F. A. and B. A. Regulations respectively.

RESOLVED—

That a circular be issued to the Heads of all affiliated Institutions, intimating, with reference to the expression "Six Calendar Months" which occurs in paragraphs 4 and 5 of the F. A. and B. A. Regulations respectively, that if a student joins a College on the 23rd of June, he will complete six calendar months on the 22nd of December.

289. Read a letter from Mr. J. H. Gilliland, withdrawing his letter, dated the 7th September last, asking for the return of the papers in Mathematics set by him for the ensuing F. A. and B. A. examinations.

ORDERED—

To be recorded.

W. GRIFFITHS,
Registrar.

(Confirmed.)
MAHENDRALAL SIRCAR,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. II.

THE 27TH NOVEMBER, 1893.

(In Circulation.)

290. Read the following letter :—

"No. 356.

FROM

C. J. LYALL, ESQ., C.S.I., C.I.E.,
Secretary to the Government of India,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.
Calcutta, the 25th November, 1893.

HOME DEPARTMENT.
(Education)

SIR,

I AM directed to reply to your letter No. 1892, dated the 16th September last, requesting instructions as to the number of Fellows to be elected by the graduates of the Calcutta University in January next, the qualifications of the candidates for election, and the qualifications of the electors.

2. I am to say that His Excellency the Chancellor has decided to allow three Fellows to be elected again this year. His Excellency hopes that for at least one of the three vacancies a gentleman eminent for his services to education or literature will be selected. Candidates for all the vacancies must be Masters or holders of higher degrees in some Faculty or Bachelors of Arts who graduated *before the year 1867*. These qualifications should also be required from the electors.

3. I am to observe in this connection that it was the original intention of His Excellency the Chancellor, as previously announced, to require that one of the candidates to be elected this year should be a graduate in Civil Engineering; but His Excellency has been compelled to abandon this idea on account of the very limited number of eligible resident candidates in that Faculty, even if there are any such. His Excellency will, however, be glad to learn

whether there are any eligible Engineering candidates in view either to nominating one of them without election, or to making such a restriction as is now under consideration at next year's election.

I have, &c., &c.,
(Sd.) C. J. LYALL,
Secy. to the Govt. of India."

RESOLVED—

That the letter be recorded, and that the Government of India be requested to issue instructions, similar to those issued in previous years, to the Government of Bengal, and to all Magisterial Officers in the other provinces, as well as in the several Native States, to record the votes of the graduates of this University qualified to vote (*i.e.*, holders of Master and Doctor's degrees and Bachelors of Arts who graduated before 1867) who may be unable to attend the Senate House to take part in the election of Fellows.

RESOLVED also—

(*i.*) That the following notice be published in the *Calcutta Gazette*, the *Gazette of India*, and the principal daily and weekly papers :—

CALCUTTA UNIVERSITY.

NOTICE.

HIS Excellency the Chancellor has decided to allow the Masters or holders of higher degrees in some Faculty and Bachelors of Arts *who graduated before the year 1867*, to fill up three vacancies in the Senate by election. Candidates for election must be Masters or holders of higher degrees in some Faculty or holders of the degree of Bachelor of Arts who took that degree before the year 1867. His Excellency hopes that for at least one of the three vacancies a gentleman eminent for his services to Education or Literature will be selected.

The election will take place at the Senate House, College Square, on Monday, the 1st January, 1894.

Every candidate for election must be nominated by a graduate holding one of the above-named degrees, and no graduate will be allowed to nominate more than one candidate. The written nominations of candidates must reach the office of the Registrar not later than the 9th December.

On and after the 16th December, voting papers containing the names of the candidates nominated, will be supplied on application by the Registrar. These papers must be filled up in the presence of the Registrar at the Senate House on the 1st January, 1894, between

the hours of 10 A.M. and 5 P.M., but graduates who are not able to appear in person before the Registrar, may fill up the papers in the presence of a Magistrate by whom the papers will be countersigned. All such voting papers must reach the Registrar not later than 3 P M. on Monday, the 1st January, 1894, after which no voting paper will be accepted. Graduates who are not personally known to the officer in whose presence the voting papers are filled up must bring with them their diplomas, or other satisfactory proof of identity.

(*ii.*) That the following be the form of voting papers :—

CALCUTTA UNIVERSITY.

ELECTION OF FELLOWS, 1894.

Names of Candidates voted for—

1. _____

2. _____

3. _____

Signature of Voter—

_____

Degree, and year in which it was obtained_____

Countersignature of officer in whose presence the vote is recorded.

_____

Date ___ _____ *189* . *Official Designation.*

This paper must be filled up in the presence of the Registrar, at the Senate House, on the 1st of January, 1894, between the hours of 10 A M. and 5 P M. Graduates who are unable to appear in person

at the Senate House, may fill up the paper in the presence of a Magisterial Officer, by whom the papers must be countersigned. In the absence of an officer of the rank of Magistrate in a Native State, the voting paper must be signed in the presence of the Chief Minister or the Chief Magisterial Officer of the State. Graduates who are not personally known to the officer in whose presence the voting paper is filled up, must bring with them their Diplomas or other satisfactory proof of identity. Voting papers reaching the Registrar's office after 3 P.M on the 1st of January, 1894, will not be counted.

The names of the candidates proposed for election are printed on the back of this form.

Holders of one of the following Degrees, M. A., D. L. and M D. and Bachelors of Arts who graduated before the year 1867, are entitled to vote for three candidates. *A voter can give only one vote to one candidate.*

W. GRIFFITHS,
Registrar.

(Confirmed.)
MAHENDRALAL SIRCAR,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 12.

THE 1ST DECEMBER, 1893.

(In Circulation.)

291. Read a letter from the Secretary to the Government of India, in the Home Department, recommending that Moulmein, Akyab and Mandalay should be included in the list of centres for holding the Entrance examination.

RESOLVED—

That Moulmein, Akyab and Mandalay be appointed centres for holding the Entrance examination.

W. GRIFFITHS,
Registrar.

(Confirmed).
MAHENDRALAL SIRCAR,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 13.

THE 9TH DECEMBER, 1893.

Present:

DR. MAHENDRALAL SIRCAR, C.I.E., *in the Chair.*

SIR ALFRED CROFT, K.C.I.E., M.A.
A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJEE, M.A., B.L.
MAULAVI MUHAMMAD YOUSOOF, KHAN BAHADUR, B.L.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S, F.R.S.E.
BABU KAILASCHANDRA BASU, L.M.S.

292. Read a letter from the President of the Faculty of Arts nominating Sir Alfred Croft to officiate in his place in the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

293. The Minutes of the Syndicate, dated the 25th and 27th November and 1st December, were read and confirmed.

294. Read a letter, dated the 5th December, 1893, from Dr. C. A. Martin, resigning his appointment as President of the Faculty of Arts from the 11th of December, 1893.

Read also the latter part of Dr. Martin's letter, dated the 5th of December, 1893, resigning his office as Member of the Syndicate with effect from the 11th idem.

RESOLVED—

That the letters be laid before the Faculty of Arts.

295. The undermentioned gentlemen were appointed members of the Board of Moderators in Arts for the year 1894:—

SIR ALFRED CROFT, K.C.I.E., M.A.
A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJI, M.A., B.L.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.

296. Read an endorsement from the Principal, City College, forwarding an application from Prasannakumar Goswami, supported by an affidavit made before a Magistrate, praying that his surname "Sarma" may be changed to "Goswami" in his Entrance certificate.

RESOLVED—

That the surname "Sarma" be changed to "Goswami" in the Entrance certificate granted to the applicant as well as in the records of the University.

297. Read a letter from the Headmaster, Bishop Cotton School, Simla, stating that the removal of Simla from the list of centres for holding the Entrance examination will be detrimental to the cause of European education in India.

RESOLVED—

That Simla be retained in the list of centres for holding the Entrance examination.

W. GRIFFITHS,
Registrar.

(Confirmed).

A. CROFT,
Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 14.

THE 13TH DECEMBER, 1893.

(In Circulation.)

298 READ the following report of the examiners for the Premchand Roychand studentship examination .—

"To

THE REGISTRAR, CALCUTTA UNIVERSITY.

WE, the undersigned examiners for the Premchand Roychand Studentship, have the honour to recommend that the Studentship be awarded to Miss Florence Mary Holland, M A

We desire to add that the papers of the other candidate, Babu Satischandra Bandyopadhyay, M.A., have attained a standard which would qualify him for the Studentship

(Sd) J MANN,
Examiner in English.
(Sd) H M. PERCIVAL,
Examiner in Latin
(Sd) P K RAY,
Examiner in Philosophy.

RESOLVED—

That the report be accepted, and that the Premchand Roychand Studentship and the Mouat Medal be awarded to Miss Florence Mary Holland.

W. GRIFFITHS,
Registrar

(Confirmed)
A. CROFT,
Vice-Chancellor.

MINUTES

OF

THE FACULTY OF ARTS

FOR THE YEAR 1893-94.

No. 2.

THE 23RD DECEMBER, 1893.

Present:

REVD. J. P. ASHTON, M.A., *in the Chair.*

RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
A. M. BOSE, ESQ., M.A.
P. K. RAY, ESQ., D.SC.
W. GRIFFITHS, ESQ, M.A.
BABU KRISHNABIHARI SEN, M.A.
REV. K.S. MACDONALD, M.A., D.D.
BABU GAURISANKAR DE, M.A., B.L.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
REV. J. HECTOR, M.A.
BABU SARADACHARAN MITRA, M.A, B.L.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M A.
BABU SYAMACHARAN GANGULI, B.A.
REV. J. MORRISON, M.A., B.D.
RAI GUNABHIRAM BARUYA, BAHADUR
REV. A P. BEGG, B.A.
C.R. WILSON, ESQ., M.A.
BABU NARENDRALAL DE, M.A, B.L.

299. Mr. A. M. Bose moved that the Revd. J. P. Ashton take the chair.

The motion, which was seconded by the Hon'ble Serajul Islam, Khan Bahadur, was carried unanimously.

300. The Chairman said that the first item of business before the meeting was to consider the following :—

A letter from the Principal, Patna College, suggesting that an unsuccessful F. A. or B. A. candidate may be allowed to appear at the next examination without being required to prosecute a further course of study for six months in an affiliated institution, a privilege which is uniformly granted to candidates who fail to present themselves for examination.

A letter on the same subject from Mr. H. R. James, M.A., Professor, Patna College.

Babu Saradacharan Mitra moved that the consideration of the question raised in the above letters be postponed, and that the letters be printed and circulated among the Members of the Faculty.

Babu Umeschandra Datta seconded the motion, which was carried.

301. The next item of business was to consider at the request of the Syndicate a letter from Babu Syamacharan Ganguli, B A., a member of the Senate, suggesting that Political Economy may be substituted for Logic in the course prescribed for the F. A. examination.

The Revd. Dr. Macdonald moved that the matter be deferred until the next meeting of the Faculty, and that the letter of Babu Syamacharan Ganguli be printed and circulated among the Members of the Faculty.

The motion, which was seconded by Mr. A. M. Bose, was carried.

302. The Faculty then proceeded to elect a President and a representative in the Syndicate for the remainder of the current official year in place of Dr. C. A. Martin resigned.

Babu Saradacharan Mitra moved that Dr. Mahendralal Sircar, C.I.E., be elected President of the Faculty for the remainder of the current official year in place of Dr. C. A. Martin resigned.

Rai Kanilal De, Bahadur, seconded the motion.

Babu Narendralal De moved, as an amendment, that the matter be postponed.

Babu Syamacharan Ganguli seconded the amendment

The amendment was put to the vote and declared lost.

The original motion was then put to the meeting and was carried.

303. Dr. P. K. Ray moved that Mr. A. Pedler be nominated as the representative of the Faculty in the Syndicate for the remainder of the current official year in the place of Dr. C. A. Martin resigned.

Babu Saradacharan Mitra seconded the motion.

The Revd. J. Morrison nominated the Revd. Dr. K. S. Macdonald.

Babu Umeschandra Datta seconded the nomination.

A ballot having been taken, the Revd. Dr. K. S. Macdonald was declared duly elected as the representative of the Faculty in the Syndicate for the remainder of the current year in the place of Dr. C. A. Martin resigned.

W. GRIFFITHS,

Registrar.

(Confirmed.)
JOHN P. ASHTON,

Chairman.

MINUTES OF THE SYDICATE

FOR THE YEAR 1893-94.

No. 15.

THE 30TH DECEMBER, 1893.

(*In Circulation.*)

304. READ the following report:—

'FROM

THE BOARD OF EXAMINERS
FOR THE M. A. EXAMINATION,

TO

THE REGISTRAR, UNIVERSITY OF CALCUTTA.

Dated Calcutta, the 27th December, 1893.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the M. A. examination.

The number of candidates registered for the examination in English was 77, of whom 23 passed, 40 failed, and 14 were absent. Of the successful candidates, 5 were placed in the First Class, 10 in the Second and 8 in the Third.

The number of candidates in Sanskrit was 7, of whom 4 passed in the Second Class and 3 failed.

The number of candidates in Persian was 1; he passed in the Second Class.

The number of candidates in Mental and Moral Philosophy was 15, of whom 7 passed, 3 in the Second Class and 4 in the Third; 5 failed, 2 were absent and 1 was expelled.

The number of candidates in Mathematics was 14, of whom 8 passed, 5 failed, and 1 was absent. Of the successful candidates 1 was placed in the First Class, 3 in the Second, and 4 in the Third.

The number of candidates in Natural and Physical Science (A) was 6, all of whom passed. Of the successful candidates 4 were placed in the First and 2 in the Second Class.

The number of candidates in Natural and Physical Science (B) was 4, of whom 2 passed and 2 failed. Both of the successful candidates were placed in the Third Class.

The number of candidates in Natural and Physical Science (Cl.) was 7, all of whom passed; 3 were placed in the First Class, 2 in the Second, and 2 in the Third.

The number of candidate in Natural and Physical Science (E) was 1; he passed in the Second Class.

We beg to recommend—

Asutosh Pal	...	Presidency College.
Bankimchandra Mukerjee	...	Ditto.
Shankar Laxman Gokhale	...	Ditto.
Chunilal De	...	Ditto.
Bhavaniprasad	...	Ditto.
Upendralal Banerjee	...	Ditto.
Satyendrachandra Mallik	...	Ditto.
Kaliprasanna Ganguli	...	Ditto.

as eligible for the Gilchrist Scholarship.

We beg further to recommend the undermentioned successful candidates who were placed in the First Class, as eligible for the Government Scholarship.

Hrishikes Chakrabarti	...	Presidency College.
Bhushanchandra Das	...	Ditto.
Rajanikanta Guha	...	Private Student.
Jaygopal Banerjee	...	Presidency College.
Jyotirmay Chatterjee	...	Ditto.
Asutosh Pal	...	Ditto.
Bankimchandra Mukerjee	...	Ditto.
Shankar Laxman Gokhale	...	Ditto.
Chunilal De	...	Ditto.
Bhavaniprasad	...	Ditto.
Upendralal Banerjee	...	Ditto.
Satyendrachandra Mallik	...	Ditto.
Kaliprasanna Ganguli	...	Ditto.

We have the honour to be,

SIR,

Your most obedient Servants,

D. D. CUNNINGHAM.

শ্রী চন্দ্র কান্ত শর্ম্মা

KRISHNAKAMAL BHATTACHARYYA.

F. J. ROWE.

J. MANN.

H. M. PERCIVAL.

The Registrar reported that in anticipation of the orders of the Syndicate he had published the names of the successful candidates in the Gazette.

RESOLVED—

That the Report be adopted and the action of the Registrar be approved.

The following are the names of the successful candidates:—

ENGLISH.

CLASS I.

In order of merit.

1	Chakrabarti, Hrishikes ...	... Presidency College.
2	Das, Bhushanchandra ...	... Ditto.
3	Guha, Rajanikanta ...	... Private Student.
4	Bandyopadhyay, Jaygopal ...	... Ditto
5	Chattopadhyay, Jyotirmay	... Presidency College.

CLASS II.

In order of merit.

1	Mukhopadhyay, Bamandas	... Presidency College.
2	Chattopadhyay, Pramathanath	... Ditto.
3	Vishwanath Ganpat Rao Gharpurey	... Ditto.
4	Bandyopadhyay, Asutosh	... General Assembly's Institution.
5	Mukhopadhyay, Bipinbihari	... Presidency College.
6	Sarkar, Jogindranath ...	... Ditto.
7	Chaudhuri, Kisoriballabh ...	... General Assembly's Institution.
8	Basu, Surendranath ...	... Presidency College.
9	Mallik, Surendranath ...	... Ditto.
10	Basu, Akshaykumar. ...	... General Assembly's Institution.

CLASS III.

In order of merit.

1	Maulik, Purnachandra ...	... Presidency College.
2	Shripati Balwant Rao Gharpurey	... Ditto.
3	Biswas, Sirischandra ...	... Private Student.
4	Ray, Saratchandra ...	... General Assembly's Institution.
5	Datta, Jogindrakrishna ...	... Metropolitan Institution.
6	Ghosh, Narasinhachandra Chakrabarti, Sudhansunath	... Ditto. ... General Assembly's Institution.
8	Gangopadhyay, Kshetramohan	... Metropolitan Institution.

SANSKRIT.

CLASS II.

In order of merit.

1	Bandyopadhyay, Haripada	... Sanskrit College.
2	Bhattacharyya, Surendranath	... Ditto.
3	Mukunda Raghava Pathak	... Ditto.
4	Acharyya, Satischandra	... Ditto.

PERSIAN.

CLASS II.

Kushal Pal Sinha ... ... Agra College.

MENTAL AND MORAL PHILOSOPHY.

CLASS II.

In order of merit.

1 Mukhopadhyay, Pramathanath ... Private Student.
2 Billing, W. ... ... Teacher.
3 Basu, Prabodhchandra ... ... Presidency College.

CLASS III.

In order of merit.

1 Das, Lalitmohan ... ... Presidency College
2 Chattopadhyay, Asitaranjan ... Private Student.
3 ,, Manmathanath ... Ditto.
4 Das, Benimadhab ... Ditto.

MATHEMATICS.

CLASS I.

Pal, Asutosh ... ... Presidency College.

CLASS II.

In order of merit.

1 Biswas, Rakhalraj ... ... General Assembly's Institution.
2 Das, Kailaschandra ... ... Ditto.
3 Sarkar, Surendranath ... ... Ditto.

CLASS III.

In order of merit.

1 Bandyopadhyay, Dhanapati ... Presidency College.
2 De, Krishnachandra ... ... Ditto.
3 Ghosh, Saratchandra ... ... General Assembly's Institution.
4 Sarkar, Sasibhushan ... ... Ditto.

NATURAL AND PHYSICAL SCIENCE (A).

CLASS I.

In order of merit.

1 Mukhopadhyay, Bankimchandra ... Presidency College.
2 Shankur Laxman Gokhale ... Ditto.
3 De, Chunilal ... ... Ditto.
4. Bhavaniprasad ... ... Ditto.

CLASS II.

In order of merit.

1 Datta, Barunchandra ... ... Presidency College.
2 Niyogi, Bipinbihari ... ... Ditto.

NATURAL AND PHYSICAL SCIENCE (B).

CLASS III.

In order of merit.

1	Bhaumik, Rajanikanta	...	... Victoria College, Cooch Behar.
2	Kundu, Mahendranath	...	... City College.

NATURAL AND PHYSICAL SCIENCE (C).

CLASS I.

In order of merit.

1	Bandyopadhyay, Upendralal	...	Presidency College.
2	Mallik, Satyendrachandra	...	Ditto.
3	Gangopadhyay, Kaliprasanna	...	Ditto.

CLASS II.

In order of merit.

1	Majumdar, Saratchandra	...	Presidency College.
2	Basu, Debendranath	...	... Ditto.

CLASS III.

In order of merit.

1	Basu, Pramathanath	...	... Presidency College.
2	Laha, Bharatbandhu	...	... Dacca College.

NATURAL AND PHYSICAL SCIENCE (E).

CLASS II.

Acharyya, Prankrishna ... ... Private Student.

On the result of the examination in Sanskrit, the Sonamani prize was awarded to Haripada Bandyopadhyay of the Sanskrit College.

W. GRIFFITHS,
Registrar.

(Confirmed).

A. CROFT,
Vice-Chancellor.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 4.

THE 6TH JANUARY, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

REV. J. P. ASHTON, M.A.
BABU MAHENDRALAL SIRCAR, M.D., C.I.E.
RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
BABU KRISHNAKAMAL BHATTACHARYYA, B.L.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYARATNA, C.I.E.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E.
A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANURJI, M A., B.L
C. J. LYALL, ESQ , C.S., C.I.E.
A. PEDLER, ESQ., F.R S.
P. K. RAY, ESQ., D.Sc.
W. GRIFFITHS, ESQ., M.A.
THE HON'BLE MR. JUSTICE GOOROO DASS BANERJEE, M.A., D.L.
F. J. ROWE, ESQ., M A.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
BABU SURYYAKUMAR SARBADHIKARI.
SURGEON-COL. R. HARVEY, M.D.
BABU KRISHNABIHARI SEN, M.A.
REV. K. S. MACDONALD, M.A., D.D.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L.
RAI LALMADHAB MUKERJEE, BAHADUR, L.M.S.
BRIGADE-SURGEON LIEUT.-COL. D. O'C. RAYE, M.D., F.R.C.S.
BABU GAURISANKAR DE, M.A., B.L.
BABU DINABANDHU DATTA.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
RAJA PYARIMOHAN MOOKERJEE, M.A., B.L., C.S.I.
BABU DEBENDRANATH RAY, L.M.S.
THE HON'BLE MAULAVI ABDUL JUBBAR, KHAN BAHADUR.
SURGEON LIEUT.-COL. J. O'BRIEN, M.A., M.D., F.R.C.S.E.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
REV. J. HECTOR, M.A.
BABU BHOLANATH PAL, M.A.
BABU NILMANI MUKERJEE. M.A., B.L.
BABU SARADACHARAN MITRA, M A., B L.
BABU BRAHMAMOHAN MALLIK.
NAGENDRANATH GHOSE, ESQ.
A. F. M. ABDUR RAHMAN, ESQ.
BABU CHANDRANATH BASU, M.A., B.L.
MAULAVI ZAHIRUDDIN AHMED, L.M.S.
BABU DURGAMOHAN DAS.
BABU HARAPRASAD SASTRI, M.A.
SHAMS-UL-ULAMA MAULAVI AHMED.
BABU UMESCHANDRA DATTA, B.A.
J. C. BOSE, ESQ., B.A., B.Sc.
BABU SRINATH DAS.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
REV. H. WHITEHEAD, M.A.
REV. J. MORRISON, M.A., B.D.
RAI GUNABHIRAM BARUYA, BAHADUR.
BABU JOGINDRACHANDRA GHOSE, M.A., B.L.
BABU MAHENDRANATH RAY, M.A., B.L.
REV. A. P. BEGG, B.A.
BABU KAILASCHANDRA BASU, L.M.S.
BABU UPENDRANATH MITRA, M.A., B.L.
C.R. WILSON, ESQ., M.A.
BABU NILRATAN SARKAR, M.A., M.D.
BABU RAMCHARAN MITRA, M.A., B.L.
BABU NARENDRALAL DE, M.A., B.L.

305. The Vice-Chancellor opened the proceedings by saying :—"I ought not to take the chair for the first time without expressing the hope that our deliberations may be conducted in a spirit of mutual good feeling, and with the sole object of promoting the best interests of the University. (Applause). That, at any rate, shall be my single aim. By myself I can do nothing, but if with your co-operation and support I can assist in any degree in promoting those interests, I shall lay down my office when that time arrives with feelings of great content." (Applause.)

306. The first item of business on the agenda was to receive the following report :—

"To

THE REGISTRAR, CALCUTTA UNIVERSITY.

Calcutta, the 18th September, 1893.

SIR,

WE, the undersigned members of a Committee appointed by the Senate at their meeting held on the 9th instant, to consider and report on the Rules for the Affiliation of Colleges and the Recognition of Schools passed at their meeting of the 17th December, 1892, have the honour to submit the following recommendations :—

(*i.*) We are of opinion that no change should be made in the Regulations regarding the Recognition of Schools as given in page 79 of the University Calendar for 1893 (Appendix A).

(*ii.*) We recommend that the following set of Rules for the Affiliation of Colleges be substituted for those referred to us for consideration :—

RULES FOR THE AFFILIATION OF COLLEGES.

1. Institutions or departments of Institutions may be affiliated in Arts or a department of Arts, Law, Medicine and Engineering.

2. The power of affiliation rests under the sanction of the Governor-General of India in Council with the Syndicate, to whom all applications for affiliation must be addressed through the Registrar.

3. In the case of a Government Institution, application must be made by the Director of Public Instruction, or other chief educational officer of the province in which the Institution is situated.

In the case of any other Institution, application must be made by the chief controlling authority of such Institution.

4. Every application must be counter-signed by two members of the Senate and, if thought necessary, in the case of distant Institutions, by the Secretary to the Government of the Province in which the Institution is situated.

5. The application must contain the following :—

(*a.*) Information regarding the Constitution of the Managing body, and the names of its members.

(*b.*) A statement regarding the standard up to which the Institution is to be affiliated.

(*c.*) A statement showing the provision made for the instruction of the students up to the same standard.
(*d.*) The scale of fees ordinarily to be charged.
(*e.*) Satisfactory assurance that the Institution will be maintained on the proposed footing for five years at least.

6. Before recommending for affiliation an Institution in the neighbourhood of another Institution already affiliated, it shall be the duty of the Syndicate to enquire whether the establishment of the new Institution is likely to be detrimental to the interests of sound education and discipline.

7. In the month of July of each year or in such other month as the Syndicate may from time to time determine, the Principal of every affiliated Institution shall submit a report to the Syndicate, shewing the staff maintained throughout the preceding year, and giving the names of all members of the staff at the time of submitting the Report.

8. The Senate may, on the recommendation of the Syndicate, and with the sanction of the Governor-General of India in Council, at any time withdraw the privileges of affiliation from any Institution.

We have the honour to be,
SIR,
Your most obedient Servants,

JOHN P. ASHTON.
ROMESHCHANDRA MITTER.
E. LAFONT, S.J.
W. GRIFFITHS.
A. M. BOSE.
KRISHNAKAMAL BHATTACHARYYA.
RADHIKAPRASANNA MUKHERJI.
UMESCHANDRA DUTT.
H. WHITEHEAD.
C. A. MARTIN.
N. N. GHOSE.
ABDUL JUBBER.
MAHOMED YUSOOF.

(I sign this Report subject to the note of dissent annexed below.)
GOOROO DASS BANERJEE.

I am sorry I feel constrained to dissent from this Report on one important point. I think the Rules for the Recognition of Schools should distinctly provide that the Syndicate may refuse to recognise a school in which one teacher has to teach more than sixty scholars at the same time.

My learned colleagues are of opinion that it will be enough if the Regulations regarding the Recognition of Schools stand as they did before the new Rules were adopted. After giving my best attention to the subject, I am bound to say I am unable to concur in this view. The former Regulations no doubt require from a school seeking recognition a certificate from a Government Inspector of Schools that it is qualified to teach up to the Entrance standard, and they authorise the Syndicate to refuse recognition in the case of a school that shows year after year bad results. But these provisions are not, in my opinion, sufficient to ensure that efficiency which should form a necessary condition for the recognition of a school by the University.

A school may be considered qualified to teach up to the Entrance standard, if it has teachers whose intellectual attainments are sufficient to enable them to impart instruction up to that standard; and yet if one teacher has to teach more than a limited number of scholars at the same time, the efficiency of his teaching will be materially impaired. Considering that students in this country have to acquire knowledge through the medium of a difficult foreign language (a fact which is not always kept in view), and considering the stage of their progress which students preparing for the Entrance examination as a rule attain, I think the professorial system of teaching, that is teaching by lectures, is not sufficient for them, and that it is only by the tutorial system of teaching, that is teaching accompanied by constant and repeated exercise, that they can be made to master their subjects of study. And for this, a limit to the number of scholars to be taught by each teacher is absolutely necessary. It may be said that if a school teaches inefficiently, it will show bad results, and the Syndicate may refuse to recognise it any longer. But this badness in the result must be of an exceptional nature. Hitherto the rule adopted by the Syndicate has, if I remember rightly, been to regard the result as bad where less than twenty per cent. of the candidates sent up are successful. The existing Regulations, therefore, are not likely to affect schools which pass twenty per cent. of the candidates they send up. But this surely is not a standard of efficiency which should satisfy any one.

I am not, I think, singular in my opinion that there should be a limit to the number of scholars to be taught by a teacher. In other countries (of course I speak of them with diffidence from want of personal knowledge) where students do not labour under the disadvantage that our students do, but are taught through the medium of their vernacular language, such a limit is insisted upon. Thus I gather from Dr. Arnold's "Higher Schools and Universities in Germany" that the ordinary limit to the number of scholars in a class under the Prussian system is fifty. And I may add that among the Heads of Institutions who were invited to express their opinion upon the recommendation of the former Committee that the number of scholars to be taught by one teacher at the same time should not exceed fifty, many were in favour of that limit. (*See* Minutes for the year 1892-93, pp. 137—216.)

I am not insensible of the difficulties attending the operation of a rule like the one I have suggested.

In the first place, it involves an amount of interference by the University in the management of private Institutions which can never be agreeable, and which should be avoided, if possible. But when it is remembered that the percentage of failures at our examinations is often unusually high, and that out of every 100 candidates seeking to enter our University, between 60 and 70 have to go back disappointed one feels that it is our duty to do everything in our power to preven the recurrence of this undesirable state of things. I do not mean to lay the whole blame on the students or their teachers. But inefficient teaching has at least, to some extent, to answer for the result and we should try to remedy it as far as we can.

In the next place the rule in question may work injuriously on those schools (and they are by far the majority) which have no endowments to maintain them, and which depend for their support on the fees realised. I fully sympathise with those public spirited

gentlemen who devote their time and energy to the maintenance of our educational Institutions for very inadequate profit and sometimes at considerable self-sacrifice. But there are the wants of the students which also demand our attention. And I venture to think that the limit to the number of scholars I have suggested (sixty instead of fifty) may enable school authorities to have funds enough to secure the services of competent teachers, and at the same time to avoid overcrowding classes with students.

GOOROO DASS BANERJEE.

The 21st September, 1893.

The Vice-Chancellor in laying the report before the meeting said :—" Before calling upon the gentlemen who are to speak to this report, I think it is desirable to invite the attention of the Senate to the position in which we stand. It will be remembered that these rules were passed on the 17th December, 1892, after they had been for something over eight months under the consideration of the Senate, and after the opinion of all the institutions interested in the rules had been received and considered. Shortly after they were adopted, they were confirmed by the Government of India. In May 1893, the Syndicate issued a circular to all institutions which had been affiliated, and all schools which had been recognised, intimating that they also, under the rules, were required to send in fresh applications for affiliation and for recognition. When the Syndicate met in August, 1893, they became aware that a good deal of opposition had been raised to the rules, or to some of them. They, therefore, recommended to the Senate that, pending the consideration of these objections, the resolution giving retrospective effect to the new rules should be suspended. The Senate met in the next month of September, and directed that the rules should be at once suspended ; and they referred them to a Committee for reconsideration of the whole subject. The reference to the Committee was as wide as it could possibly be, so as to leave it open to them to make any recommendations which they pleased in regard to affiliation and recognition. That Committee reported in the same month of September, and their report is now before us. It recommends changes to a greater or less extent in the rules for the affiliation of colleges, and it also recommends that the rules for the recognition of schools should be entirely abrogated, and a return to the old rules made. Now, I have not the means of knowing how the report of the Committee is likely to be received by the Senate

but I wish to point out that if the opinion of the Senate should be in favour of accepting those recommendations *en bloc*, the position of the Senate will be in some degree embarrassing. We are called upon in fact to cancel rules that were passed after full consideration and deliberation twelve months ago, to cancel them before we have had the opportunity of seeing how they work in practice, and then to ask the Government of India to ratify our change of purpose. We must all be jealous of the reputation of the Senate as a deliberative body, and we must guard ourselves as far as we can from any charge of vacillation, or of not knowing our own mind; but I am afraid that if the recommendations of the Committee are accepted *en bloc*, we shall, to some extent, lie under that imputation, and the reputation of the Senate will so far be imperilled. I am very far from intending to say that if, after further deliberation, any rule is found to be intolerable or injurious, it should not be at once cancelled. There can be no doubt that in such a case that is the only course the Senate can adopt. But what I would now suggest to them is that they should go minutely through the rules, and make a clear distinction between those rules which are upon good grounds found to be injurious, and those others against which, so far as the present evidence goes, no such charge can be brought." The Vice-Chancellor then drew attention to some of the new rules in detail; pointing out with regard to some, that they should be upheld, as nothing had occurred to justify the Senate in cancelling its decision; with regard to others, that while they were good in principle, they might need modification in detail; while others might on further consideration be justly rejected, if they could be shown to be oppressive or inquisitorial. He concluded with a hope that the Senate would consider each rule as it stood, so as to guard against what might be characterised as reckless and capricious change,—a charge which might be brought against them if they abolished the rules *en bloc*, as proposed.

The Rev. Fr. Lafont moved that Nos. 1-4 of the suspended Rules for the affiliation of colleges be adopted.

The rules were as follows:—

"1. Institutions or departments of Institutions may be affiliated in Arts or a department of Arts, Law, Medicine, and Engineering.

"2. The power of affiliation rests, under the sanction of the Governor-General of India in Council, with the Syndicate, to whom all applications for affiliation must be addressed through the Registrar.

"3. In the case of a Government Institution, application must be made by the Director of Public Instruction or other chief educational officer of the province in which the Institution is situated.

In the case of any other Institution, application must be made by the chief controlling authority of such Institution.

"4. Every application must be countersigned by two Members of the Senate, and, if thought necessary, in the case of distant Institutions, by the Secretary to the Government of the province in which the Institution is situated."

Mr. A. M. Bose seconded the motion, which was put to the meeting and carried unanimously.

The Rev. Fr. Lafont proposed, that for rules 5 and 6 of the suspended rules for the affiliation of colleges, rule 5 of the rules recommended by the Committee be adopted. The Hon'ble Maulavi Abdul Jubbar seconded the motion.

The motion was put to the vote and carried.

The Rev. Fr. Lafont moved that rule 6 of the rules recommended by the Committee be substituted for rule 7 of the suspended rules.

The motion which was seconded by Babu Kshetranath Chatterjee, was carried.

The Rev. Father Lafont moved that rule 8 of the suspended rules be cancelled. Babu Kshetranath Chatterjee seconded the motion which was carried.

The Rev. Fr. Lafont moved that rule 7 of the rules recommended by the Committee be substituted for rule No. 9 of the suspended rules.

The motion which was seconded by Babu Krishnabihari Sen, was carried.

The Rev. Fr. Lafont moved that rule 8 of the rules recommended by the Committee be substituted for the following suspended rule :—

"10. The Syndicate may, with the sanction of the Governor-General of India in Council, at any time withdraw the privileges of affiliation from any Institution."

Rai Lalmadhab Mukerjee, Bahadur, seconded the motion.

Babu Kalicharan Banerji said that he wished in this connection to draw attention to what had transpired when the existing rule 10 was adopted by the Senate at their meeting held on 17th December, 1892. At that meeting it was proposed that the following be inserted after the rule :—"The recommendation of the Syndicate before being submitted to the Governor-General in Council, shall be placed before the Senate for confirmation."

The amendment was lost, and the original motion was put to the vote and carried, 27 voting for and 4 against it.

Babu Kalicharan Banerji submitted that when a proposition before the Senate was carried by such a large majority, it was not desirable to re-open the question unless for grave and sufficient reasons. When the rules were referred to the Committee, the mind of the Senate, as far he knew, was that the Committee should consider these rules in the light of the representations which had been made. A number of representations had been made, several memorials had been presented, but no question had been raised as to rule 10. If this way of re-opening the question was accepted, there would be no finality in their determinations. The action of the Syndicate was liable to revision at the hands of the Senate, and therefore it was not necessary that the rule should be so altered as to constitute the Senate the executive body, as it were, in this behalf. The deliberate alteration of rule 10 implied a want of confidence in the Syndicate in matters executive, which it was their duty to negative.

The Vice-Chancellor said that there seemed some misapprehension as to the present rule. The Senate had nothing to say to the disaffiliation of any particular college, but it determined the rules which governed affiliation or disaffiliation generally. It was left to the Syndicate to apply those rules in any particular case. That was the rule as it stood at present ; what was now proposed was that the power of disaffiliation should be transferred from the Syndicate to the Senate. That was the whole point, though of course the Senate could not discuss that or any other proposal except upon the recommendation of Syndicate. The only question was whether the power the of recommending disaffiliation should be in the hands of the Syndicate ,as it now was, or should be transferred to the Senate.

Moulvi Mohomed Yusooff, Khan Bahadur, said that practically the difference between the existing rule 10 and

the amendment of that rule proposed by the Sub-Committee by suggesting rule 8, was that whereas by the existing rule 10, the power both of affiliation and disaffiliation was vested in one and the same body, *viz.*, the Syndicate, Rule 8 proposed that the power of disaffiliation should be exercised by the Senate and not by the Syndicate. This was correct in principle. It was not expedient that the same body should have power both for creation and destruction. Disaffiliation required considerations of a different nature from affiliation. The interest at stake in the question of disaffiliation was such that it would be more satisfactory and more convincing that the Senate should take up that question and pronounce its final decision on it than that the Syndicate should do so. He submitted that the resolution proposed by Father Lafont was in the right direction.

Mr. N. N. Ghose said that, unlike Mr. Kalicharan Banerji and Mr. A. M. Bose, he did feel somewhat keenly about the matter, for he regarded it as a question of principle. He was surprised two find that to such champions of popular liberty and popular rights as Mr. Bose and Mr. Banerji were on the present occasion insisting on the supremacy of the executive. In purely executive matters of detail, an executive body like the Syndicate should no doubt be supreme. But disaffiliation was not a mere executive matter like paying a printer's bill. The Syndicate was only a Committee of the Senate, and the speaker took it that on first principles, the proceedings of the Committee, except as to pure executive matters, should require confirmation by the larger body before they were held to be final and valid. That was certainly the practice in the Calcutta Corporation where the resolutions of the General Committee were as a rule not regarded as final and binding, until they had been confirmed by the commissioners in meeting. Revision by the Senate, of any proceedings of the Syndicate, did not certainly mean an impeachment of the honesty or efficiency of the Syndicate. The speaker was sorry that the argument had been urged at all, for if it was good, it would be good against every scheme of reform. If, for instance, it was demanded that a Legislative Council should be constituted on a partially elective basis, the demand might be resisted on the ground that such an innovation would mean a reflection on the honesty and the efficiency of nominated members. In the ordinary course,

the proceedings of a Committee upon all important matters would require revision, which would often be of only a formal nature, by the larger body which had returned the Committee. And there could be no more important matter than disaffiliation. A college that had been existing for some time had vested rights ; it had entered into relations with the public ; it possibly met a public want, and might be doing good service. To blot it out of existence was a serious step. The Syndicate was a small body, and at every meeting of it, all the members did not attend. To leave disaffiliation to the Syndicate alone, would make it possible for a few gentlemen, say five or six, to extinguish a college ; and it was possible that some, even of the few, might not take any interest in the subject at all. The speaker said it was more rational that the fate of a college should not be finally sealed except at a meeting of the Senate, for that alone could be taken to represent every variety of interest and all shades of opinion.

The motion was then put to the vote, and on a show of hands, the original motion was declared carried, 31 voting for and 13 against it.

307. At this stage the Vice-Chancellor moved that the undermentioned successful candidates at the last B. A. and M. A. examinations, who had not prosecuted a regular course of study in any affiliated institution be admitted to their respective degrees :—

B. A.

Teachers.

JAGANNATH KUNDU.
RAJANIKRISHNA CHAUDHURI.
MUTI MUBASA.
SHEIKH KADER BUKHSH.
ASUTOSH RAY.
INDUBHUSHAN DATTA.
SURESCHANDRA LAHIRI.
BIPINCHANDRA RAY.
NABINCHANDRA KAR.

M. A.

Teacher.

W. BILLING.

Private Students.

RAJANIKANTA GUHA.
JAYGOPAL BANDYOPADHYAY.
PRAMATHANATH MUKHOPADHYAY.
PRANKRISHNA ACHARYYA.
SRISCHANDRA BISWAS.
MANMATHANATH CHATTOPADHYAY.
ASITARANJAN CHATTOPADHYAY.
BENIMADHAB DAS.

Babu Umeshchandra Datta seconded the motion which was carried unanimously.

308. Mr. A. M. Bose moved that the undermentioned female candidates who were successful at the last B. A. examination, be admitted to the degree :—

Surabala Ghosh	...	...	Bethune College.
Ellen Chandra	...	...	Ditto.
Sasibala Bandyopadhyay		...	Ditto.

Babu Umeschandra Datta seconded the motion, which was carried unanimously.

309. The Rules for the Recognition of Schools were then considered.

The Rev. Fr. Lafont moved that the following recommendation of the Committee be adopted :—

"(i.) We are of opinion that no change should be made in the Regulations regarding the Recognition of Schools as given in page 79 of the University Calendar for 1893 (Appendix A)."

The Vice-Chancellor said it would be more convenient if the mover moved the abolition of the existing rules.

The Rev. Fr. Lafont accepted the suggestion and moved that the rules included in the foot-note in p. 79 of the University Calendar for 1893 be substituted for the suspended rules for the Recognition of Schools.

The motion was seconded by Babu Krishnabihari Sen.

The Hon'ble Mr. Justice Gooroo Dass Banerjee said he rose to oppose the motion. He thought the wiser and better course would be to consider the existing rules one by one. He opposed the substitution of the old rules for the existing rules with some degree of diffidence and hesitation, seeing that the existing rules were received with very strong disapprobation, not

only by those whom they concerned most, the authorities of colleges and schools, but also by the public at large, and seeing also that the Committee which the Senate appointed had almost unanimously, with the exception of one feeble voice, recommended the abrogation of the existing rules and the adoption of the old rules. He was bound to say that there were certain things in the existing rules which could be advantageously left out, as being either unnecessary or objectionable; but there were other provisions which were very necessary and beneficial. The most important of these was rule 3, clause (*e*), which required the assurance from an applicant for the recognition of his school that no teacher should be allowed to teach more than fifty scholars at a time. This provision was the most important point of difference between the existing and the old rules, the rest being more or less mere matters of form and of secondary importance. The points for consideration were, was that rule necessary, and if so, had the Senate the power to make such a rule, and, if they had the power, was it desirable to make it? About the necessity of it there did not seem to be much difference of opinion. He had heard it stated that some uncommonly able teachers could teach any number of scholars, but they ought to deal with the matter in a practical way. Ordinary teachers were only able to teach a limited number. Then they should also consider the circumstances in this country, where the students had to acquire knowledge through the medium of a foreign tongue. He thought it was absolutely necessary to limit the number of scholars taught by one teacher. Experience had shown the necessity by some such rule as this. All were complaining of the heavy failures at the Entrance Examination, and one of the potent causes of these failures must be insufficient teaching. In saying so, he was far from disparaging the learned gentlemen who were in charge of Entrance scholars; they might be able men, but if they had to teach very large classes, they must find all their efforts unavailing. This accounted for the constant heavy failures, and if this was the case, why should they hesitate to adopt steps to remove it? Here arose the second question, and it was said that they had no power to legislate for schools in this way: that the Act of Incorporation might give them power to make rules, but that it did not give them power to lay down rules by which they could direct school authorities to

make any particular set of arrangements for the management of their schools. That might be so, and under their bye-laws any person, wherever he might be educated, might be admitted to the Entrance Examination, but that did not in any way clash with the rule he had insisted upon. The University had a right to say to a candidate, if he wished to appear as a student of any school, he must produce a certificate of his headmaster, to this or that effect. And if the University had a right to say that it had also a right to say that the school in which he had been educated should be of a certain standard of efficiency. Then the third question arose, whether it was desirable that they should make rules in this way. Interference like this was never liked, but if it was necessary that there should be this interference, they must make up their minds to interfere, and ask those who objected to it to take it as a necessary evil.

Mr. A. M. Bose said that there was one remark which had fallen from the last speaker to which he must express his dissent, and that was that in Committee there was one feeble voice which had been raised against the new rule. So far from his being a feeble voice, he was sure the Senate would agree that it was a voice which was entitled to the greatest consideration. Speaking for himself he must say that having heard what had been urged by Justice Gooroo Das Banerjee, there was not a single provision in the whole act of Incorporation giving the University power to interfere with the internal economy or working of Schools. The question was raised, and it was one of the greatest doubt whether in the legislation which has been already introducted into the University, the University had not gone too far. The second point was that even if it was supposed that the University was competent to say that not more than 50 boys were to be taught in a class, the University should say so. The only question was as to results. If less than 20 per cent. passed, the school was warned, and if these failures continued, the school was struck off. The speaker then proceeded to point out that, in most cases, it was only the petty schools from which a few candidates were sent up, which showed the heaviest percentage of failures, and that the largest schools in which large classes were taught, showed the best results.

Babu Kalicharan Bannerji was of opinion that it was not desirable to substitute the rules included in the foot-

note to p. 79 for the existing rules. As far as the foot-note and the existing rules covered common ground, he failed to understand why it was sought to displace the statement which was the more systematic and accurate of the two.

Rai Lalmadab Mukerjee, Bahadur, was of opinion that the rule limiting the number of scholars in each class should be carried.

The Vice-Chancellor said that before putting the motion, he had better explain what its effect would be, as there seemed to be some misapprehension on the subject. He would explain in the first place, that the rules in the foot-note were practically identical with rules 1, 5 and 7 of the existing rules. There was also rule 2 which was a mere corollary to rule 1. Now if this motion, namely, that the rules included in the foot-note be substituted for the existing rules, be carried, the result would be that the existing rules, 1, 5, 7 would be retained and all the others cancelled. If on the other hand the motion was lost, the question remained as it first was. They could then consider in detail which of these rules should be retained and which cancelled. He presumed the result would be that the existing rules 1, 2, 5 and 7, which were practically identical with those in the foot-note, would be carried without any opposition, and there would remain rules 3, 4 and 6. So that if the motion was carried, the result would be to sweep away all the existing rules except 1, 5 and 7; if lost, 1, 5 and 7 would be retained and an opportunity given to the Senate to discuss each of the remaining rules separately.

The Vice-Chancellor then put the motion that "the rules included in the foot-note to p. 79 of the Calendar for 1893 be substituted for the existing rules," and on a show of hands, it was declared lost by 18 votes against 10.

The Vice-Chancellor said that the existing rules were therefore before them.

Rai Lalmadhab Mukerjee, Bahadur, moved that rules 1, 2, 5 and 7 of the suspended rules for the recognition of schools be confirmed.

The Rev. K. S. Macdonald seconded the motion, which was put to the vote and carried unanimously.

The meeting then adjourned.

(Confirmed.) W. GRIFFITHS,

A. CROFT, *Registrar.*

Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 16.

THE 13TH JANUARY, 1894.

Present.

SIR ALFRED CROFT, K.C.I E., M.A., *Vice-Chancellor, in the Chair.*

DR. MAHENDRALAL SIRCAR, C.I.E.
A. M. BOSE, ESQ., M.A.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR. RASHBEHARY GHOSE.
REV. K. S. MACDONALD, M.A., D.D.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S.E.
SURGEON LIEUT.-COLONEL J. F. P. MCCONNELL, M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

310. The Minutes of the Syndicate, dated the 9th, 13th and 30th December, were read and confirmed.

311. In modification of the previous Resolutions of the Syndicate, dated the 19th August and 25th November, 1893, regarding the Proceedings of the Board of Studies in Mental and Moral Science of the 7th and 12th August, 1893, and the Proceedings of the Board of Studies in Mathematics of the 9th August and 20th November, 1893, it was

RESOLVED—

(*i.*) That the Proceedings of the Board of Studies in Mental and Moral Science, dated the 7th and 12th August, 1893, be laid before the Faculty of Arts for consideration.

(*ii.*) That the following recommendation of the Board of Studies in Mathematics passed at their meeting held on the 9th August, 1893, be referred to the Faculty of Arts for consideration :—

"That the second foot-note marked (†) in page 31 of the University Calendar for 1893, specifying the extent of the work in Geometrical Conics for the F. A. examination, be omitted."

(*iii.*) That the Proceedings of the Board of Studies in Mathematics, dated the 20th November, 1893, so far as they relate to changes in para. 8 of the M. A. Regulations, be laid before the Faculty of Arts for consideration.

312. Read the Proceedings of the Board of Studies in Mental and Moral Science, dated the 13th January, 1894.

RESOLVED—

(i.) That the following books be prescribed for the M. A. examination in 1895 :—

MENTAL AND MORAL SCIENCE.

Ueberweg...	...	... History of Philosophy (omitting the 1st and 2nd periods of the Philosophy of the Christian era and the appendices).
Caird ...	...	... The Critical Philosophy of Kant (1889).
Berkeley ...	...	... Fraser's Selections from Berkeley, 3rd edition.
Hamilton ...	...	... Lectures in Metaphysics, Dissertations in his edition of Reid's works.
Sully ...	...	... The Human Mind.
Mill ...	...	... Logic, examination of Hamilton's Philosophy.
Jevons ...	...	... Principles of Science, 2nd edition.
Ueberweg...	...	... System of Logic and History of Logical Doctrines.
Butler ...	...	... Dissertations on Virtue, Sermons I, II, III.
Sidgwick ...	...	... Method of Ethics, 4th edition.
Martineau...	...	... Types of Ethical Theory, 3rd edition.

NATURAL THEOLOGY.

Caird ...	...	... Introduction to the Philosophy of Religion.
Martineau...	...	... Study of Religion, 2nd edition.
Max Muller	...	... Hibbert Lectures on the Origin and Growth of Religion as illustrated by the Religions of India.

or

EVIDENCES OF CHRISTIANITY.

Butler ...	...	... Analogy.
Paley ...	...	... Evidences of Christianity.
Gore ...	...	... The Incarnation of the Son of God.
Macdonald	...	... Papers on the Bible, omitting the following :—III, V, VIII and XIII.

(*ii.*) That the text-books in Mental and Moral Science for the B. A. examination in 1896, be as follows :—

PASS COURSE.

Psychology and Ethics.

James Sully	...	... Outlines of Psychology, new edition, revised and largely re-written, 1892.
Martineau...	...	... Types of Ethical Theory, 3rd edition, Vol. I (Introduction only), Vol. II omitting chap. VII of Book I, and branches II and III of Book II.

HONOUR COURSE.

Psychology and Ethics.

James Sully	...	... Outlines of Psychology, new edition, revised and largely re-written 1892.
Martineau ...	...	... Types of Ethical Theory, 3rd edition, Vol. I (Introduction only), Vol. II.

HISTORY OF PHILOSOPHY.

Bacon and Descartes to Reid and Kant.

The following books are recommended :—

Ueberweg ...	...	... History of Philosophy, Vol. II.
Schwegler ...	...	... History of Philosophy.
Fraser ...	...	... Berkeley } (Blackwood's Philo-
Fraser ...	...	... Locke } sophical Classics).

NATURAL THEOLOGY.

Martineau ...	...	... Study of Religion, 2nd edition, (omitting Book I and Book III. Chap. II).

PURE LOGIC.

P. K. Ray ...	...	... Text-book of Deductive Logic including the appendix, 4th edition.
Ueberweg ...	...	... System of Logic and History of Logical Doctrines.

(*ii.*) That the following book be prescribed as the text-book in Logic for the F. A. examination in 1896.

P. K. Ray ...	...	... Text-book of Deductive Logic, 4th edition (omitting Chapter II of Part II, Chap. IX of Part III, and the appendix).

313. Read a letter from the Secretary to the Government of India, in the Home Department, stating that the Governor-General in Council has been pleased to appoint Sir Alfred Croft, K.C.I.E., M.A., to be Vice-Chancellor of the University in succession to the Hon'ble Mr. Justice Pigot, resigned.

ORDERED—

To be recorded.

314. The Vice-Chancellor resigned his appointment as one of the Moderators in Arts for the year 1894.

RESOLVED—

That the Rev. K. S. Macdonald, D.D., be appointed Moderator in the place of Sir Alfred Croft, resigned.

315. Read a letter from the Secretary to the Government of India, in the Home Department, intimating that the Governor-General in Council has been pleased to appoint the undermentioned gentlemen to be Fellows of the University:—

The Hon'ble Mr. Justice C. H. Hill.
The Very Rev. Vincent Naish, S.J.
Surgeon-Major Gerald Bomford, M.D.
Mr. J. S. Zemin.
Maulavi Shams-ul-Huda, M.A., B.L.
Babu Herambachandra Maitra, M.A.
Babu Srischandra Chaudhuri, M.A, B.L.
Babu Ramendrasundar Trivedi, M.A.

RESOLVED—

That the Fellows be distributed among the Faculties as follows:—

The Very Rev. Vincent Naish, S.J.
Mr. J. S. Zemin
Babu Herambachandra Maitra, M.A.
„ Srischandra Chaudhuri, M.A, B.L.
„ Ramendrasundar Trivedi, M.A.
} Arts.

The Hon'ble Mr. Justice C. H. Hill
Maulavi Shams-ul-Huda, M.A., B.L.
} Law.

Surgeon-Major Gerald Bomford, M.D., Medicine.

316. Read the Minutes of the Faculty of Arts, dated the 23rd December.

ORDERED—

To be recorded.

317. The Registrar stated that it was necessary to fix a date for holding the Annual Convocation for conferring Degrees.

RESOLVED—

That the annual Convocation be held on the 3rd February.

318. The Registrar enquired what arrangements are to be made for conducting the practical examination in Chemical Analysis at the ensuing B. A. examination.

RESOLVED—

That the practical examination in Chemical Analysis be held in the laboratory of the Indian Association for the cultivation of Science.

319. The Registrar stated that it was necessary to fix the dates for holding the following examinations :— Entrance, F. A. and B. A. in 1895 ; M. A., Premchand Roychand Studentship, B. L. and Honours in Law examinations in 1894 ; Re-examination of unsuccessful 2nd L. M. S. candidates in 1894.

RESOLVED—

(i.) That the Entrance examination in 1895 be held on the 11th February, 1895, and the F. A. and B. A. examinations in 1895 be held on the 25th February, 1895.

(ii.) That the next M. A., Premchand Roychand Studentship, B. L. and Honours in Law examinations be held on the 12th November, 1894.

(iii.) That the re-examination of unsuccessful 2nd L. M. S. candidates be held on the 12th November, 1894.

320. Read the following report of the Examiners for Honours in Law :—

"THE REGISTRAR, CALCUTTA UNIVERSITY.

DEAR SIR,

WE beg to recommend Babu Asutosh Mookerjee for Honours in Law. We regret that we are unable to include Mr. P. Kennedy's name in such recommendation.

We are, Dear Sir,

Your obedient Servants,

C. P. HILL,

P. O'KINEALY."

RESOLVED—

That the report be adopted, and that the name of the successful candidate be published in the Gazette.

The following is the name of the successful candidate :—

Mukhopadhyay, Asutosh—Private Student.

321. Read the following report :—

"FROM

THE BOARD OF EXAMINERS FOR THE
B. L. EXAMINATION,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated the 2nd January, 1894.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the result of the B. L. examination.

The number of candidates registered for the examination was 318, of whom 68 were successful, 27 were absent and 223 failed; of the successful candidates, one was placed in the first division and 67 in the second.

We are of opinion that Hirendranath Datta, who stands first in the first division, fully deserves a gold medal, and we accordingly recommend that the same may be awarded to him.

We have, &c.,
(Sd) GILBERT S. HENDERSON.
(„) UPENDRANATH MITRA.
(„) B. CHAKRAVARTI
(„) JOGINDRANATH BHATTACHARYYA.
(„) RASHBIHARY GHOSE, *President.*"

The Registrar stated that in anticipation of the orders of the Syndicate, he had published the names of the successful candidates in the Gazette.

RESOLVED—

That the report be adopted, and the action of the Registrar be approved.

RESOLVED also—

That in accordance with the recommendation of the Board of Examiners, a gold medal be awarded to Hirendranath Datta of the Metropolitan Institution.

The following are the names of the successful candidates :—

FIRST DIVISION.

Datta, Hirendranath ... Metropolitan Institution

SECOND DIVISION.

In Order of Merit.

1 Mandal, Jadunath ... Presidency College
2 Mukhopadhyay, Nandalal ... Ripon College

3	Mitra, Binodchandra ...	Ripon College
4	Chattopadhyay, Bijaygopal ...	Ditto
5	Ray, Kumudnath	Metropolitan Institution
6	Pal, Chandranath	Dacca College
7	Ghosh, Umeschandra ...	Patna College
8	Chakrabarti, Mahimchandra ...	City College
9	S. E. Carim	Patna College
10	De, Pannalal	Ripon College
11	Chattopadhyay, Narendrakrishna	Ditto
12	Sen, Banamali	City College
13	Mukhopadhyay, Bipradas ...	Metropolitan Institution
	Mitra, Jugalkisor	Ripon College
15	Kuldip Sahay	Patna College
16	Basu, Atalbihari	City College
	De, Gobindachandra ...	Ditto
18	Bandyopadhyay, Bhubaneswar	Ditto
19	Shahabuddin Khan ...	Ripon College
20	Bandyopadhyay, Ambikacharan	Metropolitan Institution
21	Lala Digambar Lal ...	Ditto
22	Chakrabarti, Sudarsan ...	Ripon College
23	Das, Padmanath	Victoria College, Cooch-Bihar
24	Niyogi, Bamacharan ...	Ditto
25	Ray, Abinaschandra ...	City College
	Basu, Narendrachandra ...	Ripon College
27	Raj Kishore	Patna College
	Mukhopadhyay, Satyaprasanna	City College
	Gangopadhyay, Karunakanta	Ripon College
30	Chattopadhyay, Phanindramohan	Ditto
31	Maulik, Srischandra ...	Metropolitan Institution
	Purushottam Ganesh Paranjpe	Morris College
33	Das, Upendranath ...	City College
34	Bhaumik, Hemchandra ...	Metropolitan Institution
35	Mukhopadhyay, Amritalal ...	Ditto
36	Pal, Radhikamohan ...	Ripon College
37	Ray, Jogindranath ...	Ditto
38	Das, Kaminikumar ...	Metropolitan Institution
39	Majumdar, Sasilochan ...	Ripon College
40	Sen, Nisikanta	Dacca College
41	Syed Mohammad Hasan ..	Patna College
	Chattopadhyay, Lalbihari ...	Ripon College
	Chaudhuri, Srischandra ...	Ditto
44	Jamil Akhtar	Patna College
45	Bardhan, Gobindachandra ...	City College
46	Mithila Saran	Patna College
	Chanda, Kaliprasanna ...	Dacca College
	Ray, Tarasundar	Metropolitan Institution
	Dhundiraj Ramkrishna Chandekar	Morris College
50	Adhya, Purnachandra ...	Hughli College
51	Basu, Hemchandra ...	Ripon College
	Datta, Bamapada ...	Ditto
	Bandyopadhyay, Ramchandra	Rajchandra College, Barisal
54	Navaratna Lal	Patna College
55	Das, Syamsundar... ...	Ditto
	Sanyal, Girischandra ...	Berhampur College
57	Ray, Jadabchandra ...	City College

58	Lala Mrityunjay Lal ...	Metropolitan Institution
	Datta, Nabagopal	Ditto.
	Bandyopadhyay, Saradaprasad	City College
	Sen, Rakhaldas	Ditto
	Bandyopadhyay, Basantakumar	Ripon College
	,, Srischandra	Ditto
	Basu, Goshthabihari ...	Ditto
	Raha, Prasannakumar ...	Ditto
	Sadhu, Rajendralal ...	Hughli College
	Sen, Bilaschandra	Rajchandra College, Barisal

On the result of the B. L. examination, the Ritchie Prize was awarded to Hirendranath Datta of the Metropolitan Institution.

322. Read a memorial from certain unsuccessful candidates at the last B. L. examination, praying that, under the circumstances set forth in the memorial, the Examiners may be asked to revise the result with reference to Rule 3 of the Rules for the B. L. examination in page 130 of the Calendar for 1893.

RESOLVED—

That the memorialists be informed that the Syndicate cannot interfere with the award of the Examiners.

223. The undermentioned gentlemen were appointed to look over answer papers of candidates at the ensuing Entrance, F. A. and B. A. examinations :—

ENTRANCE.

ENGLISH.

Rev. A. P. Begg, B.A., *Head Examiner.*
Mr. W. Billing, M.A.
Mr. C. F. De la Fosse, B.A.
Rev. J. Edwards, M A.
Rev G Bruce, M A.
Babu Debendranth Basu, M.A.
„ Matilal Chatterjee, M.A
„ Lalitkumar Banerjee, M A.
Mr Zahadur Rohim Zahid, M.A.
Babu Jnanranjan Banerjee, M.A.
Rev. J Lamb, M.A, B D
Babu Dhanaballabh Set, M A.
„ Durgadas Mukerjee, M A.
„ Lalgopal Chakrabarti, M.A.
Mr. J. S. Zemin
Mr. R. Carter, B.A.
Mr. J. N. Dasgupta, B.A.

MATHEMATICS.

Mr. W. Booth, M.A., *Head Examiner.*
Babu Baidyanath Basu, M.A.
„ Rajmohan Sen, M.A.
„ Kaliprasanna Chattoraj, M.A.
„ Mohinimohan Chaudhuri, M.A.
„ Kshetramohan Banerjee, M.A.
„ Syamadas Mukerjee, M.A.
„ Upendranarayan Sinha, M.A.
„ Gobindalal Set, M.A.
„ Gobindachandra Das, M A.
„ Haranchandra Banerjee, M.A.
Rev. John Watt, M.A.
Babu Haridas Chatterjee, M.A.
Rev. E. S. Summers, B.A.
Babu Saratchandra Sinha, M.A.

SANSKRIT AND BENGALI.

Babu Krishnakamal Bhattacharyya, B.A., *Head Examiner.*
„ Kailaschandra Bhattacharyya, M.A.
„ Nakuleswar Banerjee.
„ Narayanchandra Bhattacharyya, M.A.
„ Ramkumar Chakrabarti.
„ Bidhubhushan Goswami, M.A.
„ Saratchandra Gupta, M.A.
„ Asutosh Sastri, M.A.
„ Biharilal Banerjee, M.A.
Pandit Baradakanta Bidyaratna.
„ Harimohan Bidyabhushan.
Babu Jogendranath Basu, B.A., (Bengali)
„ Muralidhar Banerjee, M.A.
„ Ramprasanna Mukerjee, (to look over answer papers written in Uriya character.)

HISTORY AND GEOGRAPHY.

HISTORY.

Babu Krishnabihari Sen, M.A., *Head Examiner.*
„ Adharchandra Mukerjee, M.A.
Mr. Abdul Hak Abid, B.A.
Babu Kunjabihari Basu, M.A.
„ Sibendranath Gupta, M.A.
„ Ramananda Chatterjee, M.A.
„ Mohitchandra Sen, M.A.
„ Isanchandra Ghosh, M.A.
„ Sibchandra Gui, M.A.

GEOGRAPHY.

Babu Jnanchandra Ghosh, M.A.
„ Brajaballabh Datta, M.A.
„ Kumadinikanta Banerjee, M.A.

Babu Rajendranath Chatterjee, M.A.
„ Brajendranath Chatterjee, M.A.
„ Umeschandra Ghosh, M.A.
„ Kalidas Mallik, M.A.
Mr. Azizul Huq, M.A.

Greek	...	Mr. C. R. Wilson, M.A.
Latin	...	Miss Florence Holland, M.A.
French	...	Rev. V. de Campigneulles, S.J.
Arabic	...	Col. H. S. Jarrett.
Persian	...	Shams-ul-Ulama Shaikh Mahmud Gilani. Shams-ul-Ulama Maulavi Ahmed.
Urdu	...	Maulavi Ashruf Ali. „ Muhammud Yusoof Jafari.
Hindi	...	Babu Kanailal Sastri.
Uriya	...	Babu Ramprasanna Mukerjee.
Burmese	...	Mr. A. W. Lonsdale.
Assamese	...	Rai Gunabhiram Baruya, Bahadur.
Khasia	...	Rev. J. Roberts.
Parbatia	...	Babu Kedarnath Chatterjee.
Mahrathi	...	Mr. Mahadeo Yeshwant Dole.
Tamil	...	Mr. R. Dhanasukoti.
Telugu	...	Mr. C. Narayan Swami.
Gujrathi	...	Mr. D. D. Mehta
Drawing	...	Mr. W. H. Jobbins.

F. A.

ENGLISH.

Mr. J. N. Farquhar, B.A
Rev. J. Morrison, M A., B.D.
„ A. Tomory, M A.
Mr. W. B Livingstone.
Mr. Abdur Rahim, M.A.
Babu Hirambachandra Maitra, M A.
Rev. C. Jordan
Mr. E. M Wheeler, M.A.

MATHEMATICS.

Mr C. Little, M A.
Babu Gaurisankar De, M.A.
„ Mahendranath Ray, M.A
„ Bipinbihari Gupta, M.A.
„ Suryyakumar Karfarm., M.A
Mr. D. N. Mallik, B.A.
Babu Kalipada Basu, M A
„ Mohinikanta Ghatak, M A.

SANSKRIT

Babu Nilmani Mukerjee, M.A.
„ Kailaschandra Datta, M.A.

Babu Bireswar Chatterjee, M.A.
„ Umacharan Banerjee, M.A.
„ Janakinath Bhattacharyya, M.A.
Pandit Sivanath Sastri, M A.
Babu Kaliprasana Bhattacharyya, M.A.
„ Kunjalal Nag, M.A.
„ Ramprasanna Mukerjee *(to look over answer papers written in Uriya character.)*

Bengali ... ... Babu Saradacharan Mitra, M.A.

Arabic and Persian ... Col. H. S. Jarrett. / Shams-ul-Ulama Maulavi Ahmed. / „ Shaikh Mahmud Gilani.

Latin ... ... Miss Florence Holland, M.A.
Greek ... ... Mr. C. R. Wilson, M A.
Hebrew ... ... Rev. G. H. Rouse, M A., B.D.
French ... ... Rev. V. de Campigneulles, S.J.
Pali ... ... Mr. J. Gray.
Armenian ... ... „ T. Stephen.
Botany ... ... Surjn.-Capt. D. Prain, M.B.

Physics ... ... Mr. A. Ewbank, M.A. / „ J. C. Basu, B.A., B.Sc. / Rev. Father E. Lafont, S.J., C.I.E. / Mr. P Brühl.

Chemistry ... Mr. W. H. Wood, B.A., F.C.S. / Babu Ramendrasundar Trivedi, M.A. / Mr. P. C. Ray, D.Sc. / „ P. Mukerjee, B.Sc.

History ... „ A. F. R. Hœrnle, M.A. Ph.D. / „ N. N. Chose. / Babu Kalisankar Sukul, M.A. / „ Binayendranath Sen, M.A.

Logic ... Babu Nilkanta Majumdar, M.A. / „ Syamacharan Ganguli, B.A. / Rev. A. B. Wann, M.A., B.D. / Babu Ambikacharan Mitra, M.A.

B. A. EXAMINATION.

English ... Mr. J. Mann, M.A. / „ H. M. Percival, M.A. / „ F.J. Rowe, M.A. / „ C. R. Wilson, M.A. / Rev. J. Hector, M.A. / Mr. S. Robson, M.A.

Philosophy ... „ H. R. James, M.A. / Babu Brajendranath Sil, M.A. / Mr. P. K. Ray, D.Sc. / „ H. Stephen, M.A.

Mathematics ... „ J. H. Gilliland, M.A. / „ G. W. Kuchler, M.A.

Sanskrit ... Babu Haraprasad Sastri, M.A. / „ Nrisinhachandra Mukerjee, M.A.

Sanskrit	...	Babu Nilmani Mukerjee, M.A. „ Ramprasanna Mukerjee (to look over answer papers written in Uriya character).
Arabic and Persian	...	Col. H. S. Jarrett. Shams-ul-Ulama Maulavi Ahmed. „ Shaikh Mahmad Gilani.
Physics	...	Mr. A. Macdonell, M.A.
Chemistry	...	„ A. Pedler, F.R.S.
Geology	...	„ W. King, D. Sc., F.G.S.
Latin	...	„ J. Mann, M.A.
Greek	...	„ C. R. Wilson, M.A.
French	...	Rev. V. de Campigneulles, S.J.
History	...	Rev. J. P. Ashton, M.A. Babu Asutosh Mukerjee, M.A.

324. The Registrar reported that in anticipation of the sanction of the Syndicate, he had asked Dr. A. F. Rudolf Hœrnle to set and examine papers in German for the ensuing Entrance examination.

RESOLVED—

That the action of the Registrar be approved.

325. The following dates were fixed for the submission of marks :—

Entrance ...	...	26th March, 1894.
F. A. & B. A.	...	2nd April, 1894.

326. Mr. H. M. Percival, M.A., and Mr. A. Thomson, M.A., were appointed to help the Registrar in tabulating the results of the ensuing Entrance, F. A. and B. A. examinations on a remuneration of Rs. 600 each.

327. The Registrar stated that under clause (6) of the Rules for the Premchand Roychand Studentship examination, it was necessary to define the limits of the subjects for the examination to be held in 1895.

RESOLVED—

That the matter be referred to the Boards of Studies in Literary subjects.

328. Read a letter from the Deputy Secretary to the Government of India, Home Department, stating in reply to this office letter No. 2001, dated 9th December, 1893, that the Governor-General in Council approves the addition to the Bye-laws of the University relating to the Board of Accounts.

ORDERED—

To be recorded.

329. Read an application from the Principal, Calcutta Boys' School, countersigned by two members of the Senate, requesting that the institution may be affiliated to the University in Arts up to the F. A. standard.

RESOLVED—

That an application be made to the Government of India, in the Home Department, requesting the Governor-General in Council to sanction the affiliation of the Calcutta Boys' School to the University in Arts up to the F. A. standard.

330. Read a letter from Messrs. Thacker, Spink & Co., regarding the printing and publication of the Tagore Lectures delivered by Sir Frederick Pollock, Bart.

RESOLVED—

That Messrs. Thacker, Spink & Co. be informed that under the special circumstances of the case, they are authorised by the Syndicate to print and publish the lectures.

331. Read a letter from Mr. A. Macdonell, Professor in charge of the Civil Engineering College, Sibpur, reporting that he has received an application from one Tarinicharan Nandi for admission to the College, accompanied by his Entrance certificate in which the statement of age has been fraudulently changed from 18-5 to 17 years.

ORDERED—

To be deferred.

332. Read a letter from the Principal, Holkar College, requesting that the ensuing Entrance and F. A. examinations at Indore may be held at the Rajkumar College under the supervision of its Principal, instead of being held at the local Canadian Mission College.

RESOLVED—

That the Principal, Holkar College, be informed that the Entrance and F. A. examinations of candidates appearing at the Indore Centre will be held at the Raj Kumar College, provided the Principal of the College is

willing to undertake the work of supervising the examinations and provided that the change entails no extra cost to the University.

333. Read an endorsement from the Officiating Inspector of Schools, Rajshahye Circle and Burdwan Division, forwarding an application from Bhabaniprasad Lahiri, 2nd Pandit, Rangpur Zila School, praying that he may be allowed to appear at the F. A. examination in 1895 as a teacher.

RESOLVED—

That the Inspector of Schools, Rajshahye Circle, be informed that Bhabaniprasad Lahiri, 2nd Pandit of the Rangpur Zila School, will be admitted to the F. A. examination in 1895 as a teacher.

334. Read a letter from S. Bahadur Ali Khan, stating that with the permission of His Honour the Lieutenant-Governor of Bengal, he has constructed a gold medal in His Honour's name for award to the Mohamedan student who stood first at the last B A. examination among the successful candidates from the Patna Division, and requesting that the Syndicate will kindly allow the medal to be publicly awarded on the occasion of the ensuing Convocation.

RESOLVED—

That S. Bahadur Ali Khan be informed that the Syndicate regret that they cannot accept his offer as he has made no permanent endowment for the annual award of the medal.

335. Read a letter from Babu Kedarnath Sen, proposing to make over to the University Rs. 1,200 for the purpose of instituting two silver medals, one to be awarded to the best student in Surveying at the Engineering examinations, and the other to the best student in Sanskrit at the M. A. examination.

RESOLVED—

That before finally accepting the offer, the Registrar be requested to enquire if the donor has any objection to change the 2nd medal into a prize for the 2nd man in Sanskrit at the M. A examination, the first man being already provided for with a prize, called the Sonamani Prize.

336. Read a letter from the Principal, Ripon College, enquiring whether Manindranath Chatterjee, who studied in the 1st-year class of St. Xavier's College from June 23rd, 1891, to April 28th, 1892, and then after a break of 16 months joined the 1st-year class of the Ripon College in September last, will be allowed to appear at the F. A. examination in 1895, provided he keeps the requisite percentage of attendance at lectures.

RESOLVED—

That the Principal, Ripon College, be informed that the applicant will be admitted to the F. A. examination in 1895, provided he attends 66 per cent. of the lectures during the sessions 1893-94 and 1894-95, the previous attendances in 1891 and 1892 being left out of account.

337. Read a letter from the Principal, Berhampur College, forwarding an application from Aswinikumar Datta, a candidate for the ensuing F. A. examination who has gone through a fresh course of lectures in order to make up the deficiency in his attendance, and enquiring whether in calculating the percentage of attendance of the student the lectures delivered in the 2nd-year class from the date of his admission in July last or the lectures delivered from the date of formation of the class in March 1893, up to the date of its breaking up, are to be counted.

RESOLVED—

That the Principal, Berhampur College, be informed that Aswinikumar Datta will be admitted to the ensuing F. A. examination, he having attended the prescribed number of lectures delivered in the 2nd-year class from the date of his admission in July last, up to the date of the breaking up of the class.

338. Read an endorsement from the Principal, City College, forwarding an application from Ramapati Ray, praying that under the circumstances therein stated he may be allowed to appear at the B. L. examination on his attending 75 per cent. of the lectures delivered during a full session.

RESOLVED—

That the Principal, City College, be informed that the applicant must attend the necessary number of lectures in order to make up 24 in each group.

339. Read an endorsement from the Principal, Bangabasi College, forwarding an application from Muhammad Nasirul Haq, praying that his admission to an affiliated institution on the 7th of August last may be sanctioned with a view to enable him to appear at the F. A. examination in 1895.

Read also an endorsement from the Director of Public Instruction, Bengal, transferring for disposal by the Syndicate an application forwarded by the Rector, St. Xavier's College, from Muhammad Nasir-ul Haq, praying that his admission into the 1st-year class of the above College on the 8th August last may be sanctioned with a view to enable him to count the present session.

RESOLVED—

That the admission of the applicant into the 1st-year class of an affiliated institution on the 8th August last be sanctioned.

340. Read an endorsement from the Principal, Burdwan Raj College, forwarding an application from Umapada Sengupta, praying that the deficiency in his attendance at lectures in Chemistry may be overlooked.

RESOLVED—

That the Principal, Burdwan Raj College, be informed that the applicant must go through a fresh course of lectures in Chemistry in order to be eligible for admission to the F. A. examination.

341. Read an endorsement from the Principal, Ripon College, forwarding applications from Anathbandhu Pal, and Jagatnarayan Ghosh, candidates for the ensning F. A. examination, praying that the deficiency of 1·3 days and ·04 of a day in their attendances at lectures in English and Logic respectively may be excused.

RESOLVED—

That the Principal, Ripon College, be informed that the applicants must go through a fresh course of lectures

in the subjects in which their attendances have been deficient and must keep the prescribed percentage in order to make themselves eligible for admission to the examination.

342. Read an application from Nagendranath Mitra, an unsuccessful candidate at the last B. A examination, stating that he served as a teacher in an English school for six months from 1st March to 2nd September, 1893, with a view to appearing at the ensuing B. A. examination, but that the Inspector of Schools, Presidency Circle, refuses to countersign his application on the ground that he is not at present employed as a teacher.

RESOLVED—

That Nagendranath Mitra be allowed to appear at the ensuing B. A. examination as a teacher.

343. Read a letter from the Inspector of Schools, Rajshahye Circle and Burdwan Division, forwarding an application from Ramchandra Bag, and enquiring whether under the circumstances therein stated, the applicant may be allowed to appear at the ensuing B. A. examination as a teacher.

RESOLVED—

That the Inspector of Schools, Rajshahye Circle, be informed that Ramchandra Bag cannot be allowed to appear at the ensuing B. A. examination as a teacher.

344. The Registrar reported that subject to the sanction of the Syndicate, he has accepted the applications of Entrance candidates from the P. Gopinathpur H. E. School, which was struck off the list of recognised institutions for having failed to show satisfactory results at the Entrance examination after due warning.

RESOLVED—

That the action of the Registrar be approved, the Inspector of Schools, Presidency Circle, having certified the school as being now efficient.

345. Read a note by Babu Satischandra Banerjee on the Philosophical curriculum for the various examinations of the University.

ORDERED—

To be deferred.

346. Read a letter from Mr. C. R. Wilson, Secretary to the Society for the Higher Training of Young Men, forwarding a copy of the first number of the *Calcutta University Magazine*, a monthly newspaper and review, edited by the Secretaries of the above Society, and requesting that the permission of the Syndicate may be obtained to use the title.

RESOLVED—

That Mr. Wilson be authorised to use the title.

347. Read a letter from Pandit Chandramohan Bhattacharyya, requesting that a remuneration may be paid to him for revising the proofs of the Bengali selections for the Entrance examination of 1894.

ORDERED—

That a remuneration of Rs. 25 be paid to Pandit Chandramohan Bhattacharyya.

348. Read an endorsement from the Principal, City College, forwarding an application from Narendranath Haldar, a candidate for the ensuing F. A. examination, praying that the deficiency of ·46 in his attendance at lectures in English may be overlooked.

RESOLVED—

That the Principal, City College, be informed that the applicant must go through a fresh course of lectures in English, and must keep the prescribed percentage of attendance in order to make himself eligible for admission to the examination.

349. Read an endorsement from the Principal, Presidency College, forwarding an application from Upendranath Chaudhuri, supported by an affidavit made before a Magistrate, praying that his surname "Chaudhuri" may be changed to "Raychaudhuri" in his F. A. certificate.

ORDERED—

That the surname of the applicant be changed from "Chaudhuri" to "Raychaudhuri" in his F. A. certificate.

350. Read the following letter from the Deputy Secretary and Treasurer, Bank of Bengal :—

"BANK OF BENGAL,

DEPOSITORS' DEPARTMENT,

Calcutta, 9th December, 1893.

No. 85-2046-P.

To

THE REGISTRAR, CALCUTTA UNIVERSITY,

SENATE HOUSE, CALCUTTA.

DEAR SIR,

I BEG to advise the purchase of 4 per cent. Government securities for Rs. 4,000 (as per enclosed memo) agreeably with instructions on account of sundry Funds. The securities will be converted into stock as requested.

Yours faithfully,

(Sd.) A. W LINDSAY,

Deputy Secretary and Treasurer

MEMO. OF PURCHASE.

Account—Registrar, Calcutta University, on account of Duff Memorial Fund.

		Rs. As P	Rs. As. P	Rs. As. P.
1893 December 7th	To COST OF—			
	4 per cent. Government Securities			
	No. 235858 of 1842-43	..	1,000 0 0	
	Interest from 1st August, 1893, to 7th December, 1893, being 4 months and 6 days, at 4 per cent. ...	14 0 0		
	Less—Income Tax at 5 pie per rupee	0 5 10		
			13 10 2	
	Premium at Rs. 5-7 per cent.	..	54 6 0	
			1,068 0 2	
	To Commission at ¼ per cent.	..	2 10 9	
				1,070 10 11
	Carried over ...	...	...	1,070 10 11

		Rs, As. P.	Rs. As. P	Rs. As. P
	Brought forward ...	...		1,070 10 11
	ACCOUNT—REGISTRAR, CALCUTTA UNIVERSITY.			
1893	*To Commission a/c Ishan Scholarship—*			
	4 per cent. No. 235859 of 1842-43	...	1,000 0 0	
	Interest from 1st August, 1893, to 7th December, 1893, being 4 months and 6 days, at 4 per cent. ...	14 0 0		
	Less—Income Tax at 5 pie per rupee	0 5 10		
			13 10 2	
	Premium at Rs. 5-7 per cent.	...	54 6 0	
			1,068 0 2	
	To Commission at ¼ per cent.	...	2 10 9	
				1,070 10 11
	Do. do. a/c Saradaprasad Fund—			
	4 per cent. No. 235860 of 1842-43	..	1,000 0 0	
	Interest from 1st August, 1893, to 7th December, 1893, being 4 months and 6 days, at 4 per cent. ...	14 0 0		
	Less—Income Tax at 5 pie per rupee	0 5 10		
			13 10 2	
	Premium at Rs. 5-7 per cent.		54 6 0	
			1,068 0 2	
	To Commission at ¼ per cent.	...	2 10 9	
				1,070 10 11
	Do. do. a/c Sibley Scholarship—			
	No. 235861 of 1842-43 ...		1,000 0 0	
	Interest from 1st August, 1893, to 7th December, 1893, being 4 months and 6 days, at 4 per cent. ..	14 0 0		
	Less—Income Tax at 5 pie per rupee	0 5 10	13 10 2	
	Premium at Rs 5-7 per cent		54 6 0	
			1,068 0 2	
	To Commission at ¼ per cent.	...	2 10 9	
				1,070 10 11
	TOTAL Rs. ...	...	...	4,282 11 8

BANK OF BENGAL, DEPOSITORS' DEPARTMENT, *Calcutta, 7th December, 1893.*

(Sd.) MACLEOD, *Offg. Superintendent.*

ORDERED—

To be recorded.

351. The following remuneration bills were passed :—

B. A. EXAMINATION, 1893.

NAMES.	Subjects.	FEE FOR SETTING.		FEE FOR EXAMINING ANSWER PAPERS.		Total.	Income tax	Net amount.
		Pass.	Honour.	Pass.	Honour.			
		Rs. As. P.		Rs. As. P.		Rs. As. P.	Rs. As. P.	Rs. As. P.
J. Wood Mason, Esq.	Physiology and Zoology.	120 0 0	...	...	...	120 0 0	3 2 0	116 14 0
Surgeon Captain A. W. Alcock		...	...	30 0 0	...	30 0 0	0 12 6	29 3 6
Total Rs. ...	...	120 0 0	...	30 0 0	...	150 0 0	3 14 6	146 1 6

HONOURS IN LAW EXAMINATION, 1893.

NAMES.	Subjects.	Fee for setting.	Fee for examining answer papers.	Total.	Income tax.	Net amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
C. P. Hill, Esq. ...	.....	300 0 0	15 0 0	315 0 0	8 3 3	306 12 9
P. O'Kinealy, Esq. ...	.....	300 0 0	15 0 0	315 0 0	8 3 3	306 12 9
Total Rs. ...	.....	600 0 0	30 0 0	630 0 0	16 6 6	613 9 6

B. L. Examination, 1893.

NAMES	Subjects.	Fee for setting.	Fee for examining answer papers	Total.	Income tax.	Net amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
G. S. Henderson, Esq.	Law of Property, &c.	160 0 0	1,462 8 0	1,622 8 0	42 4 0	1,580 4 0
B. K. Chakravarti, Esq.	Jurisprudence, &c.	160 0 0	1,480 0 0	1,640 0 0	42 11 4	1,597 4 8
Babu Upendranath Mitra	Hindu and Mahomedan Law.	160 0 0	1,462 8 0	1,622 8 0	42 4 0	1,580 4 0
Dr. Jogendranath Bhattacharyya ...	Law of Civil Procedure, &c.	160 0 0	1,472 8 0	1,632 8 0	42 8 2	1,589 15 10
Total Rs. ...	.....	640 0 0	5,877 8 0	6,517 8 0	169 11 6	6,347 12 6

Premchand Roychand Studentship examination, 1893.

NAMES.	Subjects.	Fee for setting.	Fee for examining answer papers.	Total.	Income tax.	Net amount.
		Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
J. Mann, Esq. ...	English ...	400 0 0	24 0 0	424 0 0	11 0 8	412 15 4
H. M. Percival, Esq.	Latin ...	.....	12 0 0	12 0 0	0 5 0	11 11 0
Dr. P. K. Ray ...	Philosophy ...	400 0 0	12 0 0	412 0 0	10 11 8	401 4 4
Dr. A. F. R. Hœrnle	Philology ...	400 0 0	.....	400 0 0	10 6 8	389 9 4
Total Rs. ...	.....	1,200 0 0	48 0 0	1,248 0 0	32 8 0	1,215 8 0

M. A. Examination. 1893.

Names.	Subjects	Fee for setting. Rs.	As.	P.	Fee for examining answer papers. Rs.	As.	P.	Total. Rs.	As.	P.	Income tax. Rs.	As.	P.	Net amount Rs.	As.	P.
A. E. Gough, Esq. ...	English ...	300	0	0	... ..			300	0	0	7	13	0	292	3	0
M. J. White, Esq. ...		300	0	0	... ..			300	0	0	7	13	0	292	3	0
F. J. Rowe, Esq. ...		.... ..			384	0	0	384	0	0	10	0	0	374	0	0
H. M. Percival, Esq. ..		.....			381	0	0	381	0	0	9	14	9	371	1	3
J. Mann, Esq.		.. ..			378	0	0	378	0	0	9	13	6	368	2	6
Babu Krishnakamal Bhattacharyya	Sanskrit ...	300	0	0	63	0	0	363	0	0	9	7	3	353	8	9
M M. Chandrakanta Tarkalankar		300	0	0	63	0	0	363	0	0	9	7	3	353	8	9
H. M. Percival, Esq. ...	History ..	300	0	0	.....			300	0	0	7	13	0	292	3	0
Babu Asutosh Mukerjee (Sr.)		300	0	0	... ..			300	0	0	7	13	0	292	3	0
Col. H. S. Jarrett ...	Arabic ...	300	0	0	.. .			300	0	0	7	13	0	292	3	0
Col. H S. Jarrett ...	Persian ...	300	0	0	9	0	0	309	0	0	8	0	9	300	15	3
Shams-ul-Ulama Shaikh Md Gilani		300	0	0	9	0	0	309	0	0	8	0	9	300	15	3
Dr. G. Thibaut... ...	Philosophy ..	300	0	0	111	0	0	411	0	0	10	11	3	400	4	9
Dr. D. Macichan ...		300	0	0	114	0	0	414	0	0	10	12	6	403	3	6
W. Booth, Esq.	Mathematics .	300	0	0	117	0	0	417	0	0	10	13	9	406	2	3
G. W. Kuchler, Esq. ...		300	0	0	117	0	0	417	0	0	10	13	9	406	2	3
Dr C. J. H. Warden ...	Chemistry (A)	150	0	0	54	0	0	204	0	0	5	5	0	198	11	0
W. MacMillan, Esq. ...	Physical Science (B) (C.)	450	0	0	54	0	0	504	0	0	13	2	0	490	14	0
W. Booth, Esq.... ...		600	0	0	99	0	0	699	0	0	18	3	3	680	12	9
A. Macdonell, Esq. ...		600	0	0	99	0	0	699	0	0	18	3	3	680	12	9
Dr. D. D Cunningham ...	Physiology and Zoology (E.)	600	0	0	18	0	0	618	0	0	16	1	6	601	14	6
Total Rs. ...	.....	6,300	0	0	2,070	0	0	8,370	0	0	217	15	6	8,152	0	6

352. The following contingent bill for the months of July to December, 1893, was passed:—

	Rs.	A.	P.	Rs.	A.	P.
4 Bills, Punkha pullers' wages for the months of June, July, August and September 1893 ..	31	13	11			
1 Bill, Messrs. W. Newman & Co., for printing Calendar for 1893	1,006	12	0			
1 Bill, do. for printing jobs	36	4	0			
3 Bills, do. do.	214	12	0			
1 Bill, do. for printing Minutes, 1892-93 ...	1,162	8	0			
1 Bill, do. do. jobs ...	66	8	0			
1 Bill, do. do. do.	49	4	0			
1 Bill, do. do. do.	12	8	0			
1 Bill, do. Contingencies	10	0	0			
1 Bill, Superintendent, govt. Stationery, for Stationery Articles	154	4	6			
1 Bill, do. do.	688	14	9			
Discounting a Patna cheque		6	0			
,, a Bombay circle note		4	0			
4 Bills, Collector or Stamps for Service labels ...	250	0	0			
1 Bill, Maulavi Md. Yusoof Jafari, Exam Exp.	71	0	0			
1 Bill, Babu Haraprasad Sastri ,,	14	0	0			
1 Bill, Mr. A. Macdonell ,,	10	0	0			
1 Bill, Messrs. Smith, Stanistreet & Co. ,,	6	4	0			
2 Bills, Catholic Orphan Press, for printing jobs	31	8	0			
1 Bill, do. do. do. ...	10	0	0			
1 Bill, do. do. do. ...	71	0	0			
2 Bills, do. do. do. ...	29	4	0			
1 Bill, do. do. do. ...	8	0	0			
1 Bill, Contingencies	8	6	6			
1 Bill, do.	0	11	0			
1 Bill, do.	4	14	0			
1 Bill, do.	1	14	0			
1 Bill, do.	4	12	0			
1 Bill, do.	8	1	6			
1 Bill, do.	2	8	0			
1 Bill, Refund of fee paid by Ramkrishna Lahiri	2	0	0			
2 Bills, Reporters' fee	50	0	0			
1 Bill, Comptroller and Auditor-General fee for auditing the University Accounts ...	250	0	0			
1 Bill, Duftry for binding Gazettes, &c. ...	23	12	0			
1 Bill, do. Contingencies	3	2	0			
1 Bill, Ticca Duftries employed during the M. A. and B. L. examinations... ...	8	4	0			
2 Bills, Collector to the Corporation House, Water, Police and Lighting Taxes, 2nd quarter, 1893-94	776	12	6			
2 Bills, do. 3rd quarter, 1893-94 ...	776	12	6			
1 Bill, Chandramohan Bhattacharyya, for correcting the Sanskrit selections ...	50	0	0			
1 Bill, Messrs. Thacker, Spink & Co., for books	10	0	0			
1 Bill, do. do. do. ...	140	3	9			
1 Bill, do. do. do. ...	24	0	0			
Carried over Rs.	6,081	4	11			

	Rs.	As.	P.	Rs.	As.	P.
Brought forward ..	6,081	4	11			
1 Bill, Channoo Duftry, for supplying cloth lined envelopes	13	0	0			
1 Bill, Freight		2	2			
1 Bill, Jogendranath Saha for two new racks ...	215	2	6			
1 Bill, Secretary, District Charitable Society ...	338	4	0			
1 Bill, Superintendent, B. M. Press, for printing Sanskrit selection	660	14	0			
1 Bill, do. for printing jobs ...	167	8	0			
1 Bill, "Tribune," for advertisement ...	9	12	0			
1 Bill, "Bengali" do.	12	8	0			
1 Bill, "Bengal Times" do	13	0	0			
1 Bill, Ticca men employed for supplying water to the examinees during the M. A. and B. L. examinations	6	1	6	7,517	9	1
ACCOUNT, TAGORE FUND						
1 Bill, "Bengali" advertisement ...	8	12	0			
1 Bill, "Pioneer" do. ..	8	5	0			
1 Bill, "Nation" do. ...	6	12	0			
1 Bill, "Bombay Gazette" do. ..	16	0	0			
1 Bill, "Amrita Bazar Patrika" do. ...	8	0	0			
1 Bill, "Hindu Patriot" do. ...	9	0	0			
1 Bill, "Reis and Rayyat" do. ...	9	8	0			
1 Bill, "East" do. ...	7	0	0			
1 Bill, "Englishman" do. ...	8	0	0			
1 Bill, "Madras Mail" do ...	12	12	6			
1 Bill, "Statesman" do. ...	8	0	0			
1 Bill, "Indian Daily News" do. ...	7	8	0			
2 Bills, Contingencies	14	4	0			
1 Bill, Collector of Stamps for Service labels ...	100	0	0			
1 Bill, "Messrs. Thacker, Spink & Co., for printing Tagore Law Lectures for 1893 ...	1,200	0	0			
1 Bill, Messrs. Thacker, Sprink & Co, freight for sending Tagore Law Lectures to England ...	25	0	0	1,448	13	6
SARADAPRASAD FUND						
1 Bill, Messrs. S. K. Lahiri & Co., prize books	18	12	0			
1 Bill, do. do. do. ...	6	4	0			
1 Bill, do. do. do. ...	50	0	0			
3 Bills, do. do. do. ...	25	0	0	100	0	0
SIBLEY FUND						
Refund of Dividend	...	..		250	0	0
JAYNARAYAN FUND						
1 Bill, Messrs. A. K. Chatterjee & Brothers, for Prize Books	.....			20	0	0
TOTAL Rs.	.....			9 336	6	7

W. GRIFFITHS,
Registrar.

(Confirmed.)

A. CROFT,
Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 17.

THE 18TH JANUARY, 1894.

(*In Circulation.*)

353. The Registrar reported that Babu Asutosh Mukhopadhyay, M.A., B.L., has fulfilled the conditions contemplated in the Regulations for the degree of Doctor in Law.

RESOLVED—

(*i.*) That Babu Asutosh Mukhopadhyay, M.A., B.L., be permitted to proceed to the degree of Doctor in Law.

(*ii.*) That the name of Babu Asutosh Mukhopadhyay be published in the Gazette as a person qualified to be admitted to the degree.

W. GRIFFITHS,
Registrar.

(Confirmed.)
A. CROFT,
Vice-Chancellor.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 5.

THE 20TH JANUARY, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

THE HON'BLE THE CHIEF JUSTICE OF BENGAL.
THE HON'BLE SIR ALEXANDER MILLER, KT., Q.C.
BABU MAHENDRALAL SIRCAR, C.I.E, M.D.
MAHARAJA DURGACHARAN LAW, C.I.E.
BABU OMESCHUNDER DUTT.
MAHAMOHOPADHYAY MAHESACHANDRA NYAYARATNA, C.I.E.
THE VERY REV FATHER E. LAFONT, S.J., C.I E
BABU KALICHARAN BANERJEE, M.A., B.L.
ALEXANDER PEDLER, ESQ, F.R.S.
A. F. RUDOLF HŒRNLE, ESQ., M.A., PH.D.
BABU TRAILOKYANATH MITRA, M A., D.L.
W. GRIFFITHS, ESQ., M.A.
F. J ROWE, ESQ., M.A.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
BABU SURYYAKUMAR SARBADHIKARI.
BABU KRISHNABIHARI SEN, M A.
REV. K. S. MACDONALD, M A., D.D.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L.
RAI RADHIKAPRASAD MUKERJEE, BAHADUR, C.E, A.M., I.C.E.
BABU GAURISANKAR DE, M.A, B L
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L
BABU DEBENDRANATH RAY, L.M.S
RAI RAJKUMAR SARVADHIKARI, BAHADUR.
BABU KSHETRANATH CHATTERJEE, M I.C.E.
H. M. PERCIVAL, ESQ., M A.
REV. JOHN HECTOR, M.A.
BABU NILMANI MUKERJEE, M.A., B.L
J. MANN, ESQ., M.A.
BABU GOLAPCHANDRA SARKAR, M.A., B.L.
NAGENDRANATH GHOSE, ESQ.
A. F. M. ABDUR RAHMAN, ESQ
BABU CHANDRANATH BASU, M.A
MAULAVI ZAHIRUDDIN AHMED, L.M.S.
J. H. GILLILAND, ESQ, M A.
BABU HARAPRASAD SASTRI, M A.
SHAMS-UL-ULAMA MAULAVI AHMED.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M.A.
THE HON'BLE C. E. BUCKLAND, B.A., C.S
C. LITTLE, ESQ, M.A.
BABU ASUTOSH MUKHOPADHYAY, M.A, D.L., F.R.A.S., F.R.S E.
THE HON'BLE GANESCHUNDER CHUNDER.
THE HON'BLE MR. JUSTICE NORRIS, Q.C.
MAHARAJA SIR NARENDRAKRISHNA BAHADUR, K.C I.E.
BABU SYAMACHARAN GANGULI, B.A.
BABU SAMBHUCHANDRA MUKERJEE
SURGN. LT.-COL., J. F P. MCCONNELL, M.D., F.R.C.P.
RAI GUNABHIRAM BARUYA, BAHADUR.
PRINCE SIR JAHAN KADER MIRZA MUHAMMAD WAHID ALI, BAHADUR, K.C.I F.
REV. A. P BEGG, B A.
BABU UPENDRANATH MITRA, M.A., B.L.
C. R. WILSON, ESQ, M.A.
BABU NILRATAN SARKAR, M.A., M.D
BABU RAMCHARAN MITRA, M.A, B.L.
BABU NARENDRALAL DE, M A., B.L.
THE HON'BLE MR. JUSTICE C. P. HILL, M.A.
THE VERY REV. VINCENT NAISH, S.J.
J. S. ZEMIN, ESQ.
BABU HERAMBACHANDRA MAITRA, M.A.
BABU RAMENDRASUNDAR TRIVEDI, M.A.

354. The only business before the meeting was to consider the following requisition :—

"To

THE VICE-CHANCELLOR OF THE

UNIVERSITY OF CALCUTTA.

SIR,

WE, the undersigned members of the Senate of the University of Calcutta, have the honour, under Bye-law 2 of the Senate, to request that you will be good enough to convene a special meeting of the Senate, on an early date, for the purpose of placing on record our appreciation of the services rendered to the University by our retiring Chancellor.

We have the honour to be,

SIR,

Your most obedient servants,

W. C. PETHERAM.
NARENDRA KRISHNA.
ZAHIRUDDIN AHMAD.
TRAILOKYANATH MITRA.
RASHBEHARY GHOSE.
KALICHARAN BANURJI.
UPENDRANATH MITRA.
GOLAPCHANDRA SARKAR.
ASUTOSH MUKHOPADHYAY.
MAHENDRANATH RAY.
A. M. BOSE.
DURGAMOHUN DAS.
JOGENDRACHANDRA GHOSE.
SERAJUL ISLAM.
MOHINYMOHAN ROY.
MAHOMED YUSOOF.
I. C. BOSE.
K. S. MACDONALD.
JOHN MORRISON.
JOHN HECTOR.
HEMCHANDRA BANERJEE.
RAMCHARAN MITRA.
A. F. M. ABDUR RAHMAN.
GONESH CH. CHUNDER.
LALMADHUB MUKERJI.
SAMBHU C. MOOKERJEE.
SYED SHAMS-UL HUDA.
SRISCHANDRA CHAUDHURI.
JOHN F. NORRIS.
J. O'KINEALY.
HARAPRASAD SASTRI.
RAJKUMAR SARVADHIKARI.
JOTENDROMOHUN TAGORE.
DEVENDRANATH ROY.
N. N. GHOSE.
H. M. PERCIVAL.
F. J. ROWE.
J. MANN.
J. H. GILLILAND.
C. R. WILSON.
P. K. RAY.
ALEX. PEDLER.
A. M. NASH.
NILMANI MUKERJEA.
W. GRIFFITHS."

The Vice-Chancellor in opening the proceedings said :— "I am very glad so large and representative a gathering has assembled for the purpose of doing honour to our retiring Chancellor. From the first day of his assumption of that office, our relations with His Excellency have been of the most cordial, intimate and friendly character. The uniform interest which he has taken in the affairs of the University and the benefits which His Excellency has conferred upon

it, seem to me, as no doubt they seem to you, to call for a permanent and definite acknowledgment of the most ample kind. In wishing to give expression to such feelings, the Senate is not only proposing an act graceful and appropriate in itself, but one which I feel confident will be peculiarly agreeable to His Excellency the Chancellor. I now call upon Maharaja Durgacharan Law to move the first resolution."

Maharaja Durgacharan Law said that he had been requested to move the first resolution, which he held in his hand, and he had great pleasure in doing so. The resolution sufficiently spoke for itself, and required but few words from him to commend itself to their favourable consideration. They all knew the deep interest which His Excellency the Chancellor had taken in the conduct of the work of the University, and the measures that he had taken were well calculated to promote the well-being of the students, and make the term of his office memorable in the history of the University. In his humble opinion it would be the height of ingratitude, if they allowed His Excellency to retire from his office without expressing their sincere appreciation of the valuable services he had rendered to the cause of education in this country. With these few remarks he proposed the adoption of the resolution which was worded as follows :—

"That, in view of the approaching retirement of Lord Lansdowne from the office of Chancellor, the Senate desire to place on record their high appreciation of the kindly interest in the affairs of the University evinced by His Excellency throughout the term of his Chancellorship. The Senate gratefully note that His Excellency has taken an active part in the proceedings of five successive Convocations ; that he has honoured the Graduates of the University by appointing one of their number to the office of Vice-Chancellor, and by conferring upon them the privilege of electing some of the Fellows from among their own body ; that His Excellency has accorded to the Senate of the University the right of nominating one of the members of the Bengal Legislative Council ; and that His Excellency has also lent his support to schemes for the welfare of the students in directions lying outside the functions of an examining University."

Babu Kalicharan Banerjee said he had much pleasure in seconding the resolution. He felt that, in recording this resolution, they were discharging a duty ; and, what was more they were exercising a privilege It was not necessary to speak at any length in support of the resolution. The resolution embodied a string of facts which

might well be left to speak for themselves and he had no doubt that they were prepared to adopt it unanimously. (cheers.)

The resolution was then put to the vote and carried with acclamation.

Prince Sir Jehan Kader said he had much pleasure in proposing the second resolution which ran as follows :—

"That the following address, setting forth the views expressed in the preceding resolution, be presented to His Excellency the Chancellor :—

MAY IT PLEASE YOUR EXCELLENCY,

WE, the Members of the Senate of the University of Calcutta, beg leave to approach Your Excellency, on the eve of your retirement from India, with this humble testimony of our appreciation of the kindly interest in the affairs of the University evinced by Your Excellency as its Chancellor throughout the term of your office.

In the midst of numerous and pressing engagements Your Excellency found it possible to preside at five successive annual Convocations of the University for the purpose of conferring degrees. Almost all the addresses Your Excellency has delivered on those occasions have either contained some important announcement which conferred new rights on our Graduates, or raised hopes of an enlargement of the privileges of the University. Your Excellency's addresses, invariably conceived as they were in the most generous spirit, were accepted by us as expressions of your sympathy with our interests, our work, and our aims.

At a time when there existed in some quarters an impression that Government had resolved to reduce its grants for higher education, Your Excellency was pleased to give us the assurance that there was no likelihood that any such reactionary policy would be pursued by either the Government of India or the Provincial Government.

The University has been honoured by Your Excellency in the appointment of one of its Graduates to the high office of Vice-Chancellor.

Your Excellency was also pleased to confer on Graduates of the University a substantial right which considerably raised their status, by permitting the senior members of their body to select two of their own number, and recommend them for nomination as Fellows of the University. The franchise thus conferred in 1890 has since been enlarged, for in the past as well as in the present year the Graduates were permitted to make three nominations. It is gratifying to us to observe that the selections made by the Graduates have invariably been confirmed by Your Excellency. We cannot but feel honoured by the recognition thus given to our Graduates, which, while it adds to their privileges, accustoms them also to discharge a responsible function in regard to the University.

It is to Your Excellency that we are indebted for the great and valued privilege of representation on the Bengal Legislative Council. When Her Majesty's Secretary of State for India had occasion to frame new regulations with reference to the constitution of the Legislative Councils of this country, Your Excellency was

pleased to propose that we should be allowed to select one of the Members of the Local Legislative Council. We were not surprised to hear from Your Excellency that you would be disappointed if your proposal was not accepted. We can now only congratulate Your Excellency, and ourselves, on the fact that your exertions have borne fruit,—that we not only enjoy the privilege to-day of electing a Member to the Local Council, but that we have already had one opportunity of exercising this privilege.

It is not necessary for us to attempt here to review, with a larger reference to details, the many ways in which Your Excellency has demonstrated a sympathy at once generous and earnest with our University and its students. They are fresh in our memory, and they awaken our liveliest gratitude It is sufficient to state that never during any other single period of five years has the University been more richly endowed with privileges than in Your Excellency's administration. There are reasons to hope that the rights thus bestowed will not be taken away from us; for we have Your Excellency's high assurance that the privilege, for instance, conferred by Your Excellency on our Graduates, is not likely to be withdrawn.

In Your Excellency's first utterances addressed to us, you were pleased to say that you entered upon your work as Chancellor as "an old University man." All our experience has made us feel that Your Excellency's relations with this University have been marked by that sympathy which is generally found to exist between University men and their own Universities. In return, we can only offer our gratitude. It is our sincere wish and fervent prayer that Your Excellency may enjoy yet many years of health, happiness, and prosperity; and we venture to hope that the Calcutta University may still continue to occupy a place in Your Excellency's thoughts."

Maulavi Muhammad Yusoof, Khan Bahadur, said he had much pleasure in seconding the resolution which stood on the list, and which had been moved by Prince Sir Jehan Kader. That resolution contained references to the address, a copy of which, as he understood, had been circulated to all members present. It was not necessary for him to read the address, but he had not the slightest doubt that every one there present would agree with him in thinking that what was contained in it was most appropriate, and that there was not a word in it to which any objection could possibly be taken. It deals shortly with the kindly interest which His Excellency had always taken in the affairs of the University; that he had found it possible to preside at five successive annual convocations, making important announcements; that at a time when there existed in some quarters a belief that Government had resolved to reduce the grant to higher education, His Excellency was pleased to give them the assurance that there was no likelihood of any such reactionary policy being pursued by either the Imperial or Provincial Governments. The address also enumerated the privileges

which had been conferred by His Excellency on the Senate and it dealt categorically with the substantial benefits which the University had received from His Excellency's Government. He, therefore, thought that in gratitude they were bound to present an address to His Excellency, and that the address which he held in his hand was a proper address to be presented.

The Rev. Dr. K. S. Macdonald said he had much pleasure in moving the third resolution which was to the following effect :—

That the address be presented to His Excellency the Chancellor by a deputation consisting of the following members of the Senate :—

SIR ALFRED CROFT, K.C.I.E, *Vice-Chancellor.*
W. GRIFFITHS, ESQ., M.A., *Registrar.*
DR. MAHENDRA LAL SIRCAR, C.I.E.
BABU KALICHURAN BANARJEE, M.A., B.L.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
REV. K. S. MACDONALD, D.D.
MAULAVI MOHAMMUD YOUSUFF, KHAN BAHADUR.
DR. ASUTOSH MOOKERJEE, F.R.A.S., F.R.S.E.
SURGEON LIEUT.-COLONEL J. F. P. MCCONNELL, M.D.
REV. J. P. ASHTON, M.A.
Members of the Syndicate.
MAHARAJA DURGACHARAN LAW, C.I.E.
MAHAMOHOPADHYAY MAHESCHANDRA NYAYARATNA, C.I.E.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E.
RAI RAJKUMAR SARBADHIKARI, BAHADUR
THE HON'BLE MAULAVI ABDUL JUBBER, KHAN BAHADUR.
NAGENDRANATH GHOSE, ESQ.
MAHARAJA SIR NARENDRA KRISHNA BAHADUR, K.C.I.E.
BABU SAMBHUCHANDRA MUKERJEE.
PRINCE SIR JEHAN KADER MIRZA MUHAMMUD WAHID ALI, BAHADUR, K.C.I E.

Dr. Trailokyanath Mitra seconded the resolution.

Maharaja Sir Narendra Krishna suggested that such other members of the Senate as were desirous of joining the deputation should be permitted to do so.

The Vice-Chancellor pointed out that the only difficulty in reference to the motion, which in itself was quite unobjectionable, was this: that if any very large number of the members of the Senate desired to attend, there might be some inconvenience in regard to the arrangements for receiving them. At the same time the proposal expressed

BENGAL SECRETARIAT LIBRARY

a very widespread feeling. It would be, he thought, sufficient if the following words were added to this resolution : "and any other members of the Senate who desired to attend."

The amended resolution was agreed to and carried unanimously.

The Vice-Chancellor then intimated that if any members of the Senate wished to attend, they would be good enough to send in their names to the Registrar on Monday. He had also to intimate that it would be agreeable to His Excellency if the address was presented on Tuesday, the 23rd, at noon They had in such cases to consult the convenience of the Chancellor, and he had intimated that if the Senate desired to present an address, Tuesday would be agreeable to him. It also appeared to be the general feeling that those members of the Senate who were to compose the deputation, should attend in academical costume at Government House at 11-45 A.M. on Tuesday.

The meeting then came to a close.

W. GRIFFITHS,
Registrar.

(Confirmed.)
A. CROFT,
Vice-Chancellor.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 6.

THE 23RD JANUARY, 1894.

355. AT noon a deputation consisting of the following members of the Senate waited on His Excellency the Chancellor at the Government House for the purpose of presenting the address voted by the Senate at its meeting of the 20th January, 1894 :—

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor.*
W. GRIFFITHS, ESQ., M.A., *Registrar.*
DR. MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHURAN BANERJEE, M.A., B.L.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
REV. K. S. MACDONALD, D.D.
MAULAVI MOHAMMUD YUSOOFF, KHAN BAHADUR.
SURGEON LIUET.-COLONEL J. F. P. MCCONNELL, M.D.
REV. J. P. ASHTON, M.A.
Members of the Syndicate.
MAHARAJA DURGACHARAN LAW, C.I.E.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYRATNA, C.I.E.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E.
RAI RAJKUMAR SARBADHIKARI, BAHADUR.
THE HON'BLE MAULAVI ABDUL JUBBER, KHAN BAHADUR.
NAGENDRANATH GHOSE, ESQ.
MAHARAJA SIR NARENDRA KRISHNA, BAHADUR, K.C.I.E.
BABU SAMBHUCHANDRA MUKERJEE.
PRINCE SIR JEHAN KADER MIRZA MUHAMMUD WAHID ALI BAHADUR, K.C.I.E.
F. J. ROWE, ESQ.
O. C. DUTT, ESQ.
RAI LALMADHAB MUKERJEE, BAHADUR.
ABDUR RAHMAN, ESQ.
BABU KSHETRANATH CHATTERJEE.

The Vice-Chancellor read the address, which was enclosed in a silver casket chased with Indian designs, with His Excellency's arms at one end and the arms of the University at the other. It bore the following inscription :—" Presented to His Excellency the Marquis

of Lansdowne, Viceroy and Governor-General of India and Chancellor of the Calcutta University, by the members of the Senate, January 20th, 1894."

His Excellency in reply said :—

"GENTLEMEN,—You could not have taken a step more calculated to give me pleasure than the presentation of this address, carried, I understand, unanimously by the distinguished body of which you are members.

The Viceroy fills the post of Chancellor of your University in virtue of his office, and he may, consequently, regard his connection with the University as being, in a sense, a formal one. I can, however, assure you that I have always desired that my connection with you should be something more than a mere formality. It has been very agreeable to me to take part, from time to time, in your business, to meet you year after year to listen in Convocation to the admirable addresses delivered by successive Vice-Chancellors, and to watch the troops of students from all parts of the Province approach the table to receive their Degrees or the rewards and distinctions which they had won.

Of my own exertions on your behalf you have taken far too indulgent a view. It was a source of satisfaction to me to be able to appoint to the Vice-Chancellorship the learned Judge of whom mention is made in your address, and whose eloquent words spoken in my own language, but inspired by the literature and sentiment of his own country, made a lasting impression on my mind. The University has, I think, every reason to congratulate itself upon the fact that such men as the learned Judge, and his distinguished successors, are found ready to undertake the delicate and difficult duties of the Vice-Chancellorship in addition to their ordinary official work.

During my term of office it has been my constant endeavour to maintain the reputation and enhance the utility of the Senate by restricting the new appointments to men of eminence in the various branches of learning with which you concern yourselves, and by limiting the selection to those who were likely to be able to take an actual part in your deliberations; I have accordingly abstained from nominating Fellows merely *honoris causa*. The bestowal of an honorary Degree seemed to me a more

appropriate mode of conferring a purely honorary distinction. I believe that this modification of the former practice has been generally recognised as desirable.

The experiment of inviting the senior Graduates to recommend two, and afterwards three, of their number for nomination as Fellows of the University has, I am glad to think, proved successful, and has, I believe, given a new element of strength to the Senate.

It was also most agreeable to me to introduce into the Regulations with reference to the constitution of the re-constituted Legislative Councils under the new Act, one which enabled this University to supply the Bengal Legislative Council with a member.

I trust that the University will continue to grow with the growth of this country, that it will maintain the high standard of its Degrees, and that it will do all that lies in its power to promote, not only learning of the kind which secures a University distinction, or advantageous employment, but the advancement of true knowledge, and the moral progress of the youth of this part of India. I am glad to refer, in this connection, to the progress which, greatly aided by the benevolent interest taken in it by the Lieutenant-Governor, has been achieved in forming a Society for the higher training of young men. I understand that the Committee of the Society has already, with the assistance of the Lieutenant-Governor, been able to establish a head-quarters for itself.

I may, perhaps, mention that Lord Elgin is, like myself, an old University man. We were, in fact, educated at the same college, and I feel no doubt that he will be as anxious to associate himself with you as I have been during the last five years.

Gentlemen, in your last paragraph you tell me that you can only offer me your gratitude. I can assure you that I value it very highly, and that it gives me sincere satisfaction to hear from your lips that, in your opinion, I have earned it."

The members of the deputation were then presented to His Excellency by the Vice-Chancellor, after which the deputation withdrew.

(Confirmed.) W. GRIFFITHS,
A. CROFT, *Registrar.*
Vice-Chancellor.

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 7.

THE 3RD FEBRUARY, 1894.

Present:

HIS EXCELLENCY *the Chancellor, in the Chair.*

THE VICE-CHANCELLOR.
HIS HONOUR THE LIEUTENANT-GOVERNOR OF BENGAL.
THE HON'BLE SIR ANTONY PATRICK MACDONNELL, K.C.S I.
THE HON'BLE SIR ALEXANDER MILLER, KT, Q.C.
REV. J P. ASHTON, M.A.
BABU MAHENDRALAL SIRCAR, M.D., C.I E.
RAI KANAILAL DE, BAHADUR, F.C.S, C.I.E.
COL. H. S. JARRETT.
BABU GAURDAS BYSACK.
BABU KRISHNAKAMAL BHATTACHARYYA, B.L.
BABU OMESHCHUNDER DUTT
SURGEON LIEUT.-COL. D. D. CUNNINGHAM, M B, F.R.S., C.I.E.
NAWAB ASGHAR ALI, KHAN BAHADUR, DILER JUNG, C.S I.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYARATNA, C I.E.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E
A. M. BOSE, ESQ., M A.
BABU KALICHARAN BANERJEE, M.A., B L.
THE HON'BLE MR. JUSTICE H. T. PRINSEP, C S.
BABU MOHINIMOHAN RAY
C. J. LYALL, ESQ., B.A., C.S, C.I E.
A PELDER, ESQ., F R.S
P K. RAY, ESQ., D.SC.
A. F. RUDOLF HŒRNLE, ESQ., M.A., PH.D
BABU TRAILOKYANATH MITRA, M.A., D.L
W. GRIFFITHS, ESQ., M A
THE HON'BLE MR JUSTICE GOOROO DASS BANERJEE, M.A, D.L.
F J. ROWE, ESQ., M A.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
BABU JAGADBANDHU BASU, M D.
BABU SURYYAKUMAR SARBADHIKARI.
SURGEON-COL. R. HARVEY, M D.
BABU KRISHNABIHARI SEN, M.A.
REV. K. S MACDONALD, M.A., D.D.
BABU HEMCHANDRA BANERJEE, B.L.
MAULAVI MUHAMMAD YOUSUFF, KHAN BAHADUR, B.L
RAI RADHIKAPRASAD MOOKERJEE, BAHADUR, C.E., A M I.C.E.
RAI LALMADHAB MOOKERJEE, BAHADUR, L.M.S
BRIGADE-SURGEON LIEUT.-COL. D, O'C. RAYE, M.D., F.R C.S.
NAWAB SYUD AMEER HOSSEIN, KHAN BAHADUR, C.I.E.
G. A. GRIERSON, ESQ., B A, C.S.
BABU GAURISANKAR DE, M.A., B.L.
BABU DINABANDHU DATTA.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B L.
RAJA PYARIMOHAN MOOKERJEE, M.A., B L, C S I.
BABU DEBENDRANATH RAY, L.M.S
PRINCE MUHAMMAD FURROKH SHAH.
MANMOHAN GHOSE, ESQ.
RAI RAJKUMAR SARBADHIKARI, BAHADUR, B.L.

THE HON'BLE MR. JUSTICE CHUNDER MADHUB GHOSE.
MAULAVI ABDUL JUBBER, KHAN BAHADUR.
SURGEON LIEUT.-COL. J. O'BRIEN, M.A., M.D., C.M., F.R.C.S.E.
C. W. ODLING, ESQ., M.E., M.I.C.E.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
RAI MADHABCHANDRA RAY, BAHADUR, B.A., B.C.E.
H. M. PERCIVAL, ESQ., M.A.
RAI RADHIKAPRASANNA MOOKERJEE, BAHADUR.
RAI BANKIMCHANDRA CHATTERJEE, BAHADUR, B.L.
BABU ISANCHANDRA BASU, M.A., B.L.
REV. J. HECTOR, M.A.
BABU BHOLANATH PAL, M.A.
BABU NILMANI MOOKERJEE, M.A., B.L.
SAMS-UL-ULAMA MAULAVI ABDOOL HAI.
BABU SARADACHARAN MITRA, M.A., B.L.
NAWAB MEER MAHUMMAD ALI.
SURGEON-MAJOR C. J. H. WARDEN, M.D.
J. MANN, ESQ., M.A.
BABU GOLAPCHANDRA SARKAR, M.A., B.L.
THE MOST REV. PAUL GOETHALS, D.D., S.J.
SURGEON LIEUT.-COL. J. SCULLY, L.R.C.P., M.R.C.S.
NAGENDRANATH GHOSE, ESQ.
A. F. M. ABDUR RAHMAN, ESQ.
BABU CHANDRANATH BASU, M.A., B.L.
MAULAVI ZAHIRUDDIN AHMED, L.M.S.
SURGEON LIEUT.-COL. A. CROMBIE, M.D.
J. H. GILLILAND, ESQ., B.A.
BABU DURGAMOHAN DAS.
W. H. JOBBINS, ESQ.
BABU HARAPRASAD SASTRI, M.A.
SHAMS-UL-ULAMA MAULAVI AHMAD.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M.A.
W. KING, ESQ., B.A., D.Sc., F.G.S.
C. E. BUCKLAND, ESQ., B.A., C.S.
SHAMS-UL-ULAMA SHAIK MAHMUD GILANI.
J. C. BOSE, ESQ., B.A., B SC.
BABU SRINATH DAS.
BABU ASUTOSH MUKHOPADHYAY, M.A., F.R.A.S., F.R.S E.
THE HON'BLE GONESCHUNDER CHUNDER.
THE HON'BLE MR. JUSTICE J. F. NORRIS, Q.C.
REV. H. WHITEHEAD, M.A.
MAHARAJA SIR NARENDRAKRISHNA, BAHADUR, K.C.I.E.
MAULAVI ASHRAF-UD-DIN AHMAD, KHAN BAHADUR.
BABU SYAMACHARAN GANGULI, B.A.
BABU BIPINBIHARI GUPTA, M.A.
REV. J. MORRISON, M.A., B.D.
BABU SAMBHUCHANDRA MUKERJEE.
SURGEON LIEUT.-COL. J. F. P. MCCONNELL, M.D., F.R.C.P.
RAI GUNABHIRAMBARUVA, BAHADUR.
BABU JOGINDRACHANDRA GHOSE, M.A., B.L.
BABU MAHENDRANATH RAY, M.A., B.L.
PRINCE JAHAN KADER MIRZA MUHAMMAD WAHID ALI, BAHADUR.
ROMESH CHUNDER DUTT, ESQ., C.S., C.I E.
ALEXANDER MACDONELL, ESQ., M.A.
REV. A. P. BEGG, B.A.
BABU KAILASCHANDRA BASU, L.M.S.
BABU UPENDRANATH MITRA, M.A., B.L
SURGEON LIEUT.-COL. C.H. JOUBERT, M.B., F.R.C.S.
C. R. WILSON, ESQ., M.A.
BABU NILRATAN SARKAR, M A., M.D.
BABU RAMCHARAN MITRA, M.A., B.L.
BABU NARENDRALAL DE, M.A., B.L.
THE HON'BLE MR. JUSTICE C. H. HILL, M.A.
THE VERY REVD. VINCENT NAISH, S.J.
SURGEON-MAJOR GERALD BOMFORD, M.D.
J. S. ZEMIN, ESQ.
MAULAVI SHAMS-UL HUDA, M.A., B.L.
BABU HERAMBACHANDRA MAITRA, M.A.
BABU SRISCHANDRA CHAUDHURI, M.A., B.L.
BABU RAMENDRASUNDER TRIBEDI, M.A

356. The Senate was convened for the purpose of conferring degrees.

The Vice-Chancellor having declared the Convocation opened, the graduates of the year were admitted to their respective degrees in the usual manner.

His Excellency the Chancellor in calling upon the Vice-Chancellor to address the Convocation, said :—

MR. VICE-CHANCELLOR, LADIES, AND GENTLEMEN,—I assure you it is a great satisfaction to me to have the opportunity of taking this honourable place in this great institution and of witnessing this interesting ceremony. I think I may say that it is one of the things which I owe to my distinguished predecessor. I am sure I need not say here anything with regard to the thorough and thoughtful kindness of Lord Lansdowne (*applause*), and if there is any one in this city to-day who feels it more entirely than another, it is myself. (*Applause.*) In regard to this particular occasion, Lord Lansdowne was good enough to make two suggestions to me. In the first place, he suggested that you would not be unwilling to welcome a new comer amongst you (*applause*), and I find that, if I had not embraced this opportunity of being present, I should have broken through the tradition of at least the last five years, which I should have been most unwilling to do. In the second place, Lord Lansdowne made a suggestion, which was that, as I am a new comer, you would welcome me without expecting from me any lengthened address. (*Applause.*) Now I think there is no assembly in which I could give a better reason for adopting this second suggestion than the present. There is one practice which I think University authorities, and educational authorities in all parts of the world, view with the most hostile eye, and that is the practice of cramming. I do not know whether the practice of cramming is known in India, but that is a term by which we denote in our country the attempt to reach results, or to formulate opinions, without due preparation and study, and I venture to say that the attempt to climb on the shoulders of other men is not the way to secure honest work. But the practice of cramming is to be condemned not only in the student, but also in the Chancellor, and I venture to think that a Chancellor who has only had a bare week in this country, and every moment of whose time during that period has not been wholly at his own

disposal, has shown some good reasons for not attempting to form a distinct and complete opinion with regard to this great institution. I, therefore, Mr. Vice-Chancellor, Ladies, and Gentlemen, shall not attempt to offer you any crude or hastily-formed opinions on this occasion. But, at the same time, I should like not to be misunderstood. I should like it to be clearly understood that my silence upon this occasion is not by any means to be taken as evidence of any want of interest in this University or in University institutions in general. (*Applause.*) On the contrary, I suppose there is no subject with which in recent years I have more occupied myself than with University matters. (*Applause.*) I have had the honour of sitting on the University Court, the Governing Body, of the most ancient of our Scottish Universities, for many years, and I have also had what I may almost call exceptional opportunities of studying University problems in connection with bodies of which you in this country at any rate know the name—Royal Commissions,—and have thus been able to inform myself on some of the problems which one is brought face to face with in dealing with University questions and difficulties. Now, if I were to venture to sum up in a sentence the great difficulties which I think University authorities have to face at the present day, I should, from my experience at any rate, be inclined to say that they proceed in great measure from the difficulty of at the same time maintaining the culture and finish with which we have been accustomed to associate our classical studies, and of meeting the imperative requirements of our own practical age. I cannot doubt that the same problems find a place amongst the difficulties which you have to face, though I cannot doubt also that the problems present themselves from different points of view ; but I have seen enough of their difficulties to convince me that my best course is to reserve myself and to give myself the opportunity of studying the particular forms in which they present themselves in this country. I hope, however, that I have said enough to show you the great interest which I feel in the subject, and to assure you that if in my capacity as Chancellor of this University I can take any share, even the most humble share, in working out the difficulties which you have to face, it will be a satisfaction and a pleasure to me to do so. (*Applause.*)

I now call on the Vice-Chancellor to address the Convocation.

The Vice-Chancellor then addressed the Convocation as follows:—

YOUR EXCELLENCY, MEMBERS OF THE SENATE,—The duty now devolves upon me, in obedience to your Excellency's command, and in conformity with habitual precedent, to address to the Senate such observations as the incidents of the past year, or our position as a University, may suggest to the mind. But before I touch on those topics, there is one subject as to which I should fail in my duty if I did not attempt to give expression to the feeling which animates every person present in this hall. My first and paramount duty is, on behalf of the Senate, to thank your Excellency, in the simplest but the most sincere terms, for your presence here to-day, and for the kind and encouraging words that you have addressed to us. It was only a few days ago that your distinguished predecessor expressed to the Senate his conviction that your Excellency would be as anxious to associate yourself with the University as he had been. We count it as a happy augury, and a welcome confirmation of Lord Lansdowne's words, that your Excellency has, in the midst of the most arduous and engrossing pre-occupations, found the time, and not only the time but the will, to signify your interest in the University by seizing the first opportunity of taking your place among us as its Chancellor.

I shall not detain the Senate with any lengthened account of the results of the examinations which have been held during the year in the different Faculties. It will be sufficient to say that, so far as can be judged from the examinations of the last few years, the University has, for the present, reached a stationary point. In place of that almost unbroken record of numerical progress on which my predecessors in office have usually been able to dwell, we seem to have reached a stage of practical equilibrium; I will not say of decline, though, indeed, the bare figures seem to point that way. In Arts, with one exception which I shall presently notice, the decrease in the number of successful candidates is general. The number of those passing the First examination and that for the B. A. degree is sensibly below the average of the three preceding years, while there is but a nominal increase in the number of those who have qualified for the higher degree of Master. In Law there is a conspicuous decline, the number of

those proceeding to the B. L. degree being much less than half the average of the same three years. There is a similar falling off among those who have graduated in Medicine and in Engineering, though in these last-named Faculties we have much smaller numbers to deal with.

The exception to which I referred is furnished by the Entrance examination, the number of successful candidates having risen at a bound from 2,034 to 3,722, and the percentage of success from 39 to 65. If we could cherish the hope that these pleasing results pointed to a permanent improvement in the quality of the candidates, and were in fact due to the measures which the University has patiently been taking for some years, with the object of mending the weaker schools and ending those that were past improvement,—if there were solid grounds for entertaining such a hope, there would be nothing but satisfaction in the prospect. But on that point it would perhaps be rash to prophesy. The experience of the next year or two may help us in arriving at a judgment on this important matter.

Before I leave the subject of the Arts examinations, I should not omit to mention that the Premchand, Roychand Studentship has, this year for the first time, been won by a female student. This young lady, Florence Holland, passed the B A. examination in 1890, gaining honours in the first division in both Latin and English. In 1892 she took the M. A. degree, after passing in the first division in Latin. And she has now crowned a distinguished academical career by winning in an open competition the highest honour which the University has to bestow. In further recognition of her proficiency, she has lately been appointed an examiner in Latin.

It is also well worthy of notice that among the candidates for degrees to-day were three young ladies, pupils of the Bethune College, who passed the B. A. examination in 1893. Whatever view be taken of the higher education of Indian women (and I am aware that there are some who still shake their heads at it), there can be no doubt that the Bethune College occupies a conspicuous and unique position in India, and has established itself with surprising rapidity and success as an effective agency for promoting female education in the higher standards.

The paucity of graduates in Medicine and Engineering, compared with the number of those who qualify for the degree in Arts, may no doubt excite, as it often has

excited, wondering comment. From the point of view of those who wish to see the University taking the lead in every form of intellectual progress, and offering equal encouragement to every branch of study, the disparity to which I have referred may, perhaps, awaken misgivings as to the wisdom of the means that she has chosen to compass those ends. Yet, after all, the aims of University students are and must be, in the main, practical aims; the course of study that they choose is determined by the career to which they intend to devote themselves ; and upon the question of what career is likely to be profitable, that section of the public from which our students are drawn is the only possible judge. In the present social and industrial development of India, there is as yet no very large demand for the services of medical men or of engineers of the stamp that our University turns out ; but while we may regret that fact, we can only accept it, in the hope that in no very distant future the circumstances of India will have so changed as to make freer expansion possible on these now neglected lines.

Indeed we see already in one direction the most hopeful signs of progress. The large developments that have been lately given to the Engineering College at Sibpur, as the centre of technical education in Bengal, and the place where the instruction of mechanical engineers is carried to a high point, are rapidly bearing fruit. Our matriculated students are now flocking to the lower department of the College in such numbers that candidates for admission are being turned away by the score for mere want of room. This, it may be hoped, is only a temporary obstacle ; for we are assured on the best authority that in the railways and other public works of India—in its factories, tea-gardens and steam-ships—there is abundant employment to be had for all, and more than all, the trained engineers, overseers and foremen that the College can turn out.

In this way, then, new and advantageous openings are being offered to our matriculated students. Schemes are also taking shape for affording increased inducements to the same class of students to qualify for a medical career ; and thus in two directions it may be anticipated that the pressure of our students along the lines of the Arts course will be lightened.

There is pressure in the Arts course, it is admitted ; but is there overcrowding? The arrested increase in the

number of candidates for the B. A. degree, to which I called attention just now, seems to show that, in the opinion of those chiefly interested, the limits of profitable employment are being reached; and this conclusion is borne out by our ordinary experience. The great majority of our graduates, and all the most distinguished among them, find their places without any difficulty in the various lines in which civil society can utilise them. There is as yet no plethora of this class of men. But we are also aware of the existence of a drifting body, composed partly of the humbler passmen and partly of those who have failed to take their degrees, who are engaged in a constant and often unsuccessful struggle for employment—for literary or clerical employment, since this alone is what they now look to. To the fortunes of such men we cannot be indifferent. From the individual point of view, we desire to see our students successful in their after-lives. From the point of view of the State, it is sufficient to refer to what Bacon says in his Essay "Of Seditions and Troubles." He notes it as one of the chief causes of discontent in a State, "when more are bred scholars than preferment can take off." But though we cannot remain wholly indifferent, we, as a University, need not, I think, greatly vex ourselves over this matter. We believe that learning is a good thing in itself. We hold, with our late Chancellor, that there is hardly "any vocation in life in which an educated man is not better off than one who is ignorant." We conceive it to be as true now as it was when Sir Alfred Lyall wrote the words twenty years ago:—"England's prime function in India is at present this: to superintend the tranquil elevation of the whole moral and intellectual standard." And we may, perhaps, without extravagance look forward to a future when education will be so widely spread, so common an acquirement, so free from any exceptional character, as to furnish no ground for any specific claim or for any individual grievance. Such a diffusion of the higher education we, as a University, can contemplate with absolute serenity of mind.

To those who, as I just now said, look to the University to take the lead in many different forms of intellectual activity, one incident of the past year is not without a certain interest. I refer to the proposals that were submitted to the University for the enlargement of the matriculation standard by the inclusion in it of a number of optional and alternative subjects of a scientific or practical kind.

The standard, so enlarged, was intended to serve a double purpose; it was to be a test, not only for those who sought admission to the University, but also for those who, after their school course was over, proposed to betake themselves to other walks of life. The scheme reached the Senate in a severely mutilated form, for, during the vicissitudes of its course, all the scientific subjects had been excised; but though an attempt was made to revert to the original proposals, the Senate declined to accept them in any shape. The matriculation course continues therefore to follow its old lines; and no encouragement is afforded to any schools, if such there be, that may now or hereafter desire to vary the traditional course by the introduction of fresh subjects and to secure for this new departure the stamp of recognition by the University. In recalling attention to this matter, I am far from wishing to criticise the action of the University, which came after full discussion to the conclusion that the time was not ripe for the change. I refer to the subject now merely with the object of inviting your attention for a moment to what may be regarded as the true function of a University in relation to institutions and courses of study lying outside its ordinary sphere of activity. In this matter the example of the older Universities may serve as a useful guide. I confine my remarks to Oxford, as that with which I am best acquainted.

The Senate need not be told that about 35 years ago that ancient University took a new departure by the institution of a system of local examinations of middle-class schools. Up to that time she had led, in the repose of her cloisters and under the shadow of her venerable walls, a studious and dignified life, with ample opportunities for the cultivation of learning, but with little interest in the general educational life of the country. She accepted the students who came to her, she taught them and encouraged them to read and learn for themselves, she imposed gentle checks upon their exuberant spirits, she admitted them in due time to degrees, and she inspired them all with that enthusiasm for their University which her true sons never cease to feel. This was much; but as time went on, and educational needs expanded, it was found to be not enough. The state of middle class education throughout the country, by which I principally mean education not leading to the University or governed in any way by University standards, was believed to be

in urgent need of attention and control. Oxford awoke to the requirements of the time and to a sense of her responsibilities, and she was followed with promptitude and energy by Cambridge. She published a scheme of examinations, appointed a central examining body and local centres of examination, and issued class-lists showing the successful candidates in order of merit. The effect upon the schools of the country was immediate and striking. All that had any character to gain or to lose discovered that their only hope of salvation lay in falling in with the new system, in adopting its standards, and showing that they could teach them. The standards were as varied as the needs of the community. The University by no means sought to direct the rising tide of educational activity into few or narrow channels, or into those that led to her own precincts; she gave equal and cordial recognition to all subjects of study that served the purpose of a liberal education, or that bore closely upon useful and practical pursuits. And now, through her 'Delegates of Local Examinations' and her 'Delegates for the Inspection of Schools,' the University of Oxford surveys, controls, stimulates, and guides education in every form above the elementary stage throughout the length and breadth of the land, to its great and abiding advantage.

I will not detain the Senate by pointing a superfluous moral. Very likely, as I have said, in this part of India the time was not yet ripe for the change. But when that time comes, when in this direction or in that a desire for education outside the uniform and somewhat narrow lines of the matriculation standard springs up, and when schools are established to give effect to that desire, then I shall look forward with hope and confidence to seeing the University taking that place and that lead in the education of the country which it becomes her to take. It should be her constant wish and purpose to promote intelligent enterprise on new lines, and sedulously to foster the small beginnings of that variety in education which has been described as one of the foremost needs of the present day.

The past year has not left us free from the vicissitudes which attend all human institutions; and we have again to deplore the loss of some of our Fellows removed by the hand of death, while others have brought their Indian career to a close and retired from the country. To those whose work among us is over, a few memorial

words are due. Nawab Abdul Latif Bahadur had been a member of the Senate for thirty years and was at the time of death the senior Fellow on the list. To all of us his was a familiar presence; and I may be pardoned for saying that to me were given peculiar opportunities of knowing how faithfully he served, throughout a long life, the cause of his co-religionists, leaving no means untried for the advancement of their education and the furtherance of their interests. But no reference to him can be so fitting as the tribute which our late Chancellor paid to his memory only a few days ago:—"Nawab Abdul Latif owed his position not only to his official services, or to his connection with numerous public bodies, or to the distinctions and decorations which had been bestowed upon him, but to the fact that he devoted his life to the promotion of two great principles; the encouragement of education among his Muhammadan fellow-subjects, and the promotion of confidence and goodwill between those who professed his own religion and their Hindu and European neighbours. He recognised that we are all of us alike interested in advancing the prosperity of this great Empire, and in securing its good government." His death has removed a notable figure from the community, but we may hope that his name and his services will be perpetuated by a worthy and enduring memorial.

By the death of Mr. Wood-Mason we have lost a zealous and original worker in the field of Natural History. Selected for his post in India by Professor Huxley in 1869, he amply justified the choice by his untiring labours in that department of science, and by the discoveries which illustrated and rewarded his reseaches. All his life he was a student. Like a true student he was ever ready to help forward others in the pursuit of knowledge; and his learning was freely placed at our disposal whenever the University needed his services.

The Medical Faculty has lost two members by the death of Dr. Coull Mackenzie and Dr. Hilson. Many generations of medical students passed under Dr. Mackenzie's care, and in him they found a sympathetic adviser and a faithful friend. To Dr. Hilson the Native community owe a debt of sincere gratitude as having been one of the earliest pioneers of the medical education of Indian women.

Maulavi Muhammad Abdur Rauf was a man who lightened the labours of a peculiarly dry and uninteresting occupation by devotion to the muse. He had a great reputation as a Persian poet and essayist, and his published works have found a wide circle of readers.

The list of those who have severed their connexion with the University by retirement from India is a short one. Mr. Bellett was an educational officer of long experience and tried ability in many important posts, and was for a time brought into very close connexion with us by his appointment to the office of Registrar. The Revd. Mr. Taylor earned the respect of all by his unstinted efforts to elevate and improve the position of the poorer section of the domiciled Anglo-Indian community. Mr. W. T. Webb retired from the service of Government in 1893, after a distinguished educational career. He was a prominent and valuable member of several of our Boards of Studies, and frequent examiner for the highest degrees of the University. He rendered further services to education by the useful text-books of which he was the author.

But when I speak of retirements, how can I omit the greatest name of all? It is only a week since Lord Lansdowne left our shores, carrying with him the gratitude and the good wishes of the whole University. His generous statesmanship has left a permanent mark on our history. No Chancellor before him had identified himself so closely with the University and its interests; no one was so familiar a figure at our Convocations; by none had so many and such substantial advantages been conferred on the Senate and on our graduates; and upon none before him had the parting tribute of an address been bestowed. The address was a spontaneous and unanimous expression of our gratitude and our appreciation of his high qualities; and Lord Lansdowne's reply showed how closely he was touched by this mark of our respectful regard.

One of the most valued privileges that His Excellency bestowed on the University was that relating to the election of Fellows. To me it seems a highly significant circumstance, and a ground for confidence in the future, that on the last occasion the choice of the graduates fell upon three gentlemen, each of whom had stood first of his year in the subject that he took up for the M. A. examination. The fact may well lead us to hope that

in an academical body of electors like ours, academical distinctions will receive, as they always should receive, their due meed of recognition.

The history of our University during the past year, if not a very eventful one, has nevertheless presented some points of interest; and after this brief summary of its leading incidents, the present address might well come to a close. But there are also certain general aspects of our work which from time to time arrest attention, and may claim a passing comment. What is the part which the University plays in relation to the higher life of the community, to the advancement of learning, and to the spread of elevated ideas in the sphere of intellect and morals? "The Advancement of Learning" is the motto which the University seal bears; and indeed no University would be worthy of the name unless that were one of its chief objects, and became in due time its acknowledged result. We profess, indeed, to hold examinations and to confer degrees; but, under the terms of the Act of Incorporation, these objects are subordinate to "the better encouragement of Her Majesty's subjects of all classes and denominations in the pursuit of a regular and liberal course of education." A liberal education is the true end: examinations and degrees are but tests applied and landmarks set up at various stages of the student's progress. Let me not be charged with uttering a palpable and useless truism when I repeat that the attainment of a degree is not the only or the highest end of University education. It is a truism, if you like; but nevertheless it is a truth which our students, if I may judge from a pretty long experience, do not seem to take home to themselves, and which may even strike some of those who hear me as a novelty. We send forth into the world every year Bachelors of Arts by the hundred, and Masters by the score. The register of Masters of Arts, the fine flower of our University training, numbers I think something like a thousand. Before the eyes of all of them has been unrolled the ample page of knowledge, 'rich with the spoils of time;' and they have been invited to explore it. How many are they who have responded to the invitation? There spring at once to the mind the names of some of our graduates who are still students who honour themselves and their University by diligently cultivating the field of knowledge, and even by seeking to extend its bounds. Their names are beginning to be

known, or have already become familiar, to the scholars of other countries. These are the University's true sons, who repay the nurture she has given them by doing what they can to raise and establish her place in the republic of learning. But when you have counted them, how small is the number! The seed has been sown with a liberal hand; why is it only here and there that it springs up and bears fruit?

It will be answered, as I myself urged just now, that the aims of our graduates are practical aims, and that they seek a degree chiefly as a means of establishing themselves in the world. This is quite true; it is as true of every other University as it is of Calcutta. Our graduates take their part in the manifold activities of life, and in their various callings they do their duty honestly and well. They administer the executive business of the country; on the Bench they dispense justice from an incorruptible fount; they fill the professions; in our schools and colleges they train up a new generation to take their place. This is a fine record of usefulness, and it must not be thought that I am trying to impair its credit. But there is still something beyond, which we look for and but seldom find. The older Universities contribute to the practical work of the world in much the same way; but they do more. In other countries, students who come up to the University with, let us suppose, none but practical aims, often find themselves yielding to the generous influences of the place, and are caught by the contagion of learning. They go back into the world, but henceforth their lives and leisure are consecrated to their chosen study. This is not a question of the endowment of research; for we know that many of the great advances of science have been brought about by men working in the leisure hours of busy lives. Where, except in the rare instances that I have alluded to, do we find anything like this in India? Leisure is a priceless boon, and one that grows rarer every day; but still it may often be conquered. The original workers in our own University have generally their separate pursuits; but yet they find time for the studies in which they delight. Why is this spirit so rare among our graduates—much rarer, I say with confidence, than in the Universities of Europe? We sow the seed with a liberal hand: is the fault in the seed, or in the manner of sowing, or in the soil on which it falls?

A keen critic of our University methods has declared that the system which we follow discourages real scholarship. Now real scholarship is just what we have all along been doing our best to foster. All our efforts in recent years have been directed towards narrowing the area of study. In our desire to avoid superficiality, we have given the student a smaller plot of ground to cultivate, and have required him to dig it more deeply. In language, we prescribe text-books, and demand an accurate knowledge of them. In history, we fix amongst other things a selected period, which is to be mastered with reference to original sources. In philosophy, we require the subjects to be studied historically in the works of the principal authorities. All this means the encouragement of scholarship, if scholarship means exact knowledge of a limited subject rather than vague and diffused knowledge of a wide subject. And as a result of our methods I am glad to think that in some instances, here and there, a European standard of literary finish and scientific accuracy is even now being developed.

Or, again, are we overloading the course, in the lower if not in the higher standards, by the mass and multitude of the text-books that we set? Is the expanding mind in danger of losing all its flexibility and spring by the very weight of the tasks that we lay upon it? I have heard a high authority express this opinion. Clearly, we shall be doing our students an ill turn if, while setting before them a lavish intellectual feast, we allow them no time to digest it. There can be very little of what Matthew Arnold calls "the free play of the mind" upon a subject, if the jaded faculties are occupied all the time in absorbing knowledge, and can never take, so to speak, a step backward to look at what they have acquired.

Or, again, are we to look for the fault, if fault there be, not within the University, but outside it? It has been alleged by some who should have good opportunities of knowing what they speak about, that if any enthusiasm for learning is kindled within the student's breast during his University course, the nascent flame is quenched in the uncongenial air of the outside world. The University which was set up in our midst a generation ago has only just touched the surface of society, and has not yet created an atmosphere favourable to learning or research. In plainer terms, it is said that in Bengal there is no reading public. The young man who leaves the University, proud

of his degree, and possibly touched with high aspirations, finds in the society around him nothing in sympathy with this mood of his, and his new-born aspirations quickly wither away. Instead of taking an upward flight, he is content to linger in the rut in which his fellows tread. What then has his University training done for him? It has sharpened his faculties, and given him greater aptitude for mastering whatever practical work he may set his hand to; it has made him perhaps a ready writer or a fluent speaker; but as to the higher life, the 'divine spark,' all that we mean by the flower and the fruit of a liberal education,—of that there is but little trace.

This is a grave indictment; is it also a true one? Speaking with all the diffidence of one who looks at society from the outside, I should be inclined to say that the difficulties which students are said to encounter are exaggerated. Certainly, those to whom I have referred as being still students and workers do not seem to have found their enthusiasm damped, or their work hindered, by apathy or want of appreciation. Perhaps the reason is that, even if they receive little encouragement from without, to the genuine student work is its own reward; and if he can "fit audience find, though few," he is content. For other opportunities, there is the Society for Higher Training, to which our late Chancellor and the present Lieutenant-Governor of Bengal have lent such sympathetic and generous support; and of that Society I would say that, if the younger graduates who will be its mainstay so determine, it can be made into an effective engine of mutual aid for the purposes of study and associated work. But there is more than this. You have already amongst you an organisation established for the very purpose of collecting workers and concentrating work in the domain of physics The Indian Association for the Cultivation of Science has for its object "to enable the natives of India to cultivate science in all its departments, with a view to its advancement by original research, and to its varied applications to the arts and comforts of life." This is just what is required. In one department of learning it provides a centre, a common ground on which students may meet and find that support and stimulus which association for a common object supplies. But the results, I fear I must say, are to the last degree disappointing. The institution finds but few patrons to support it with their wealth, and but few students to promote its

objects by independent study and research. Had it not been for the sustained energy and self-devotion during many years of the Honorary Secretary, who is also its founder, the Association would long since, it is not too much to say, have languished and died. No one but himself knows what an arduous and anxious struggle he has maintained against the apathy of his wealthy countrymen and the indifference of the graduates, from whom he might have expected efficient and even enthusiastic aid.

I hope that Sir Charles Elliott will forgive me for citing, in his presence, a further illustration. One of my distinguished predecessors in this chair made, four years ago, an eloquent and earnest appeal to his wealthy countrymen to aid in the promotion of research among our graduates by the creation of endowments dedicated to that object. Endowments have since been made, but not generally with that specific purpose. One and only one such endowment has been created ; and I am justified in referring to it here by the fact that the Vice-Chancellor of this University is made one of the Trustees for carrying out its objects. It owes its origin, however, not to the "wealthy countrymen" to whom Mr. Justice Banerjea's appeal was directed, but to a foreigner and sojourner in the land, to whose active and sympathetic interest in the student body, and his desire to promote among them a love of learning for its own sake, this munificent gift is due. I trust that his example may be largely followed by those who are, or should be, more immediately interested in the intellectual development of their countrymen. They may be encouraged in such a course by the knowledge that the endowment has already borne fruit. In the first year of the competition five candidates for the prize have sent in exercises showing original work in different branches of mathematics.

In such subjects as general physics and mathematics, it is true, workers in India have no special advantages; indeed, they are to that extent handicapped by the volume of scientific knowledge existing in the world, and by the rate at which it progresses—a rate which they can hardly hope to overtake. But there are other subjects in which Indian students enjoy unique and ample opportunities. To take a single example. It has been said that on the fundamental question of the origin of the Indian people, European scholarship is at a standstill for want of local Indian research. That field has since been explored with

industry and crudition and a notable work is the result. But it does not owe its origin to indigenous agency; and the accomplished author of "The Tribes and Castes of Bengal" would be the first to acknowledge that floods of light would be thrown on the problems of ethnology by assiduous local inquiry into non-Aryan speech, beliefs and customs. Europe waits for a body of Indian workers to enter this almost limitless field; but it looks for them as yet in vain.

The instances that I have quoted certainly lend support to the view that the University has not yet succeeded in leavening the society amid which it works with any enthusiasm for the things of the mind, and that even its graduates have not, except in rare instances, been caught by what I have called the contagion of learning. Is there then no hope of a better state of things? Far from it. Personally, I entertain no sort of doubt as to the future of the University. I look forward with entire confidence to a time,—and I hope it may not be far distant,—when this University will not only inspire its graduates in an increasing measure with the love of knowledge, but will also exercise a quickening influence on its environment, raising the intellectual tone of society, and getting from society in return that material support which would so greatly enhance its usefulness. How such a change is to be brought about is a much more difficult question; one on which I could not bring myself to express a decided opinion, or even any opinion at all, without the greatest reluctance. But there are one or two point as to which we cannot go far wrong, and upon them I would very briefly touch.

I would begin then by saying that all our actions as a University should be governed, all our debates in the Senate should be permeated, by an abiding sense of what the true function of a University is, and by a constant desire to raise its position and character in the eyes of the world outside and of other learned bodies. So much, at any rate, will be conceded.

Our business is the advancement of learning. Let us be swayed by no lower motive. Let that end be kept steadily in view, and our discussions will be raised to a higher plane than they have perhaps in all cases occupied. The University is of more importance than any of its institutions or than any class of its students. They pass away, while she abides; and when there is a conflict of interests, if

we treat them with too tender a regard, we run the risk of impairing her good name, to the injury of future generations of her students. In quietness and confidence shall be her strength. Let her not go out of her way, when great University questions are at issue, to listen to the counsels of a timid expediency. Let her not be disturbed by arguments derived from the example of other public bodies, whose methods and whose aims are different from hers. Above all, let us never forget that the only value of a degree is the learning that it implies. Let us with the utmost jealousy maintain the integrity of our standards, and not seek to cheapen our degrees by making them easier of attainment In such matters there is a sort of academical currency, a known rate of exchange between one University and another; and unless we maintain the purity and standard of our coinage, we shall suffer from the effects of a depreciated degree.

There is another point. A young University needs all the help it can derive from outside sources, so that her forces may be sustained and strengthened by fresh currents of vitality. Oxford, in her early days, invited Professors from the Universities of Paris and Bologna, who guided her footsteps in the path of knowledge until she was able to walk alone. In India, if education is to be progressive, if educational systems are to be tempered with fresh ideas, the University must in like manner keep itself in close contact with the Universities of Europe. This, by the circumstances of her position, she is happily able to do. A constant stream of students from the older places of learning flows into our affiliated institutions, and thence into the Senate. This University of ours is hardly yet well able to walk alone; and we are fortunate in having at command for our debates, for work on our committees, and for the general control and direction of our affairs, men of the modern spirit, imbued with the best traditions, ready to give all the help that may be asked of them, and able to pour into her veins fresh streams of a vigorous intellectual life.

Whether the course which I have sketched will be attended by the desired results, I know not. But this much is certain, that whatever tends to maintain at a high level the standard of instruction and the dignity of debate, whatever helps to imbue the University with that Western learning and those Western ideas from which she derives her life, whatever leads her to look with a single eye at the

advancement of knowledge as her true aim, will also increase the respect in which she is held by her neighbours, and will inspire her students with a higher sense of their responsibilities as members of a learned body. They will be in no way less fitted for the practical work of life, as lawyers, as magistrates, as business men, as teachers; while many of them may be led to devote the leisure moments of perhaps a busy life to no ignoble pleasures, but to the pursuit of knowledge. That is the true object of University education; and with nothing short of that should we be content. If we are to be proud of our University, we must be strenuous in her service, and jealous of her fame.

It is customary on these occasions for the Vice-Chancellor to conclude his address with some words of counsel to the graduates and students of the University. Most of what I have said to-day really amounts to an exhortation of this kind. I have urged our graduates, and I would specially urge you who have just been admitted to degrees, to follow knowledge; and all good things shall be added unto you. The good things that I mean are those of the spirit. When you have provided in some occupation for your material wants, for that is of course your first business, you will begin to taste the genuine delight of reading, unhampered by the dread of examinations. Take up, then I would say to you, some congenial subject of study, and devote to it much of your leisure. You will discover, and rejoice in the discovery, that the field of learning is boundless; and you will acquire that mark of the true student, a modest estimate of yourselves. Many of you are descended from ancestors who spent their lives, careless of power and of fortune, in the pursuit of the only learning then open to a Brahman student. Knowledge is more varied in these days, more rich in golden opportunities, more fruitful of results; why should you be less diligent, less devoted in her service than your fathers were? You have been adopted, as my predecessor said last year at the close of his impressive address, into the intellectual inheritance of the West,—surely a source of noble and legitimate pride. You have become "citizens of no mean city;" partakers of the imperial idea in its highest form; qualified interpreters between the East and the West; bonds of union between these widely separated portions of a great Empire. Along with many high privileges which your degree confers, it

thus imposes upon you serious obligations and responsibilities. I cannot better conclude than by repeating to you collectively the weighty words that I have this day addressed to each one of you,—"I charge you that ever in your life and conversation you show yourselves worthy of the same."

The Vice-Chancellor then declared the Convocation closed.

W. GRIFFITHS,
Registrar.

(Confirmed).

A CROFT,
Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 18.

THE 7TH FEBRUARY, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

DR MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE HON'BLE DR RASHBEHARY GHOSE.
THE REV. DR. K. S. MACDONALD.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.

357. The Minutes of the Syndicate, dated the 13th and 18th January, were read and confirmed.

358. The Registrar enquired if any investment is to be made out of the fee fund of the University.

RESOLVED—

That the Registrar be authorised to invest Rs. 25,000 in 4 per cent. Government Securities.

359. Read the following report :—

"FROM

THE EXAMINERS FOR THE SECOND L. M. S. RE-EXAMINATION,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY.

Dated Calcutta, the 15th January, 1894.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the 2nd L. M. S. Re-Examination.

The number of candidates registered for the examination was 5, of whom all passed.

The examination has been conducted in accordance with the instruction laid down in our letter of appointment.

We have the honour to be,
SIR,
Your most obedient Servants,
(Sd.) A. CROMBIE.
„ J. F. P. McCONNELL, M.D.,
President."

The Registrar reported that in anticipation of the orders of the Syndicate he had published the names of the successful candidates in the Gazette.

RESOLVED—

That the report be adopted and the action of the Registrar be approved.

The following are the names of the successful candidates :—

In alphabetical order.

Bandyopadhyay, Bipinbihari	...	... Medical College.
Chakrabarti, Chandrakanta	...	... Ditto.
Mukhopadhyay, Meghnath	...	... Ditto.
Sarkar, Amritalal	...	... Ditto.
Sen, Surendranath	...	... Ditto.

360. The Rev. W. McCulloch and Babu Satischandra Banerjee, M.A., were appointed Examiners in English for the Entrance examination in place of the Rev. J. Edwards and Mr. C. F. De la Fosse, resigned.

361. Read a letter from the Rev. J. Hector, declining to accept the appointment of Examiner in English at the ensuing B. A. examination.

RESOLVED—

That Mr. K. Deighton, M.A., be appointed Examiner in English at the ensuing B. A. examination in the place of the Rev. J. Hector, M.A., resigned.

362. Read a letter from the Rev. Father E. Lafont, S.J., C.I.E., a member of the Senate, stating that he intends to move the following resolution at the next meeting of the Senate :—

"That no speaker will be allowed to speak for more than 10 minutes on any proposition at meetings of the Senate."

RESOLVED—

That the letter be laid before the Senate at the next meeting.

363. Read a letter from the Rev. Father E. Lafont S.J., C.I.E., a member of the Senate, recommending that Miss Hodgkins of the Loretto Convent, Darjeeling, may be allowed to appear at the ensuing Entrance examination, although through an oversight of the Convent authorities

her application for admission to the examination has been forwarded to the Registrar after the last date for sending in such applications had expired.

RESOLVED—

That Miss Hodgkins of the Loretto Convent, Darjeeling, be allowed to appear at the ensuing Entrance examination.

364. Read a letter from Mr. A. Macdonell, Professor in charge of the Civil Engineering College, Sibpur, reporting that he has received an application from one Tarinicharan Nandi for admission to the College, accompanied by his Entrance certificate in which the statement of age has been fraudulently changed from 18-5 to 15-5 years.

RESOLVED—

That the Registrar be requested to find out the present address of Tarinicharan Nandi, and to ask him to explain the discrepancy in the statement of age that appears in his Entrance certificate, and that which has been entered in the records of the University.

365. Read an endorsement from several members of the Senate, forwarding a petition from Saradaprasanna Sanyal, a student of the 4th-year class, General Assembly's Institution, stating that the Principal of the College has not allowed him to go up to the ensuing B. A. examination on the ground that he has not regularly attended the Scripture classes and the class exercises during the session 1893-94, and praying that as he has attended the requisite percentage of lectures in the subjects prescribed by the University, he may be admitted to the examination.

RESOLVED—

That the members of the Senate who forward the petition be informed that the Syndicate cannot interfere in the matter.

366. Read a petition from Girindranath Saha, a student of the 2nd-year class, General Assembly's Institution, stating that owing to his irregular attendances at the Scripture classes, he has not been allowed by the Principal of his College to appear at the ensuing F. A. examination.

RESOLVED—

That Girindranath Saha be informed that the Syndicate cannot interfere in the matter.

367. Read a letter from Babu Golapchandra Sarkar, a member of the Senate, forwarding an application from Manadaprasanna Sen, a student in the 4th-year class of the General. Assembly's Institution, stating that he has attended the requisite number of lectures in the subjects prescribed by the University for the B. A. examination, but that the Principal of his College has refused to grant him the necessary certificate for admission to the ensuing B. A. examination, on the ground of his not having regularly attended the class exercises.

RESOLVED—

That Babu Golapchandra Sarkar be informed that the Syndicate cannot interfere in the matter.

368. Read a letter from the Head Master, Purbasthali School, reporting that Satischandra Sarkar, one of the candidates from the above school for the ensuing Entrance examination, died on the 11th ultimo, and requesting that the fee paid by the deceased for admission to the examination may be returned to his father.

RESOLVED—

That the fee paid by Satischandra Sarkar be refunded to his father through the Head Master, Purbasthali School.

369. The Registrar enquired whether the undermentioned candidates can be admitted to the ensuing F. A. and B. A. examinations :—

F. A.

NAME.	COLLEGE.	REMARKS.
Raimohan Som ...	Jagannath College, Dacca	... Attendance in History, short by '16.
Lalgopal Muhuri ...	Ripon College	... Attended 66 per cent. of the lectures in Physics and Chemistry taken together.
Anathbandhu Pal ...	Ditto	... Short in Ehglish by 1·3.
Jagatnarayan Ghosh ...	Ditto	... Short in Logic by '04.
Jnanendranath Das ...	Ditto	... Has passed the Entrance examination of the Allahabad University.
Sureschandra Ray ...	Metropolitan Inst.	Short in Chemistry by '72.
Akshaykumar Gupta ...	Ditto	... Short in Mathematics by '68 and in Physics by '7.

B. A.

Kedarnath Banerjee ...	Ripon College	... Passed the Intermediate examination of the Allahabad University.

RESOLVED—

(*i.*) That the applications of Raimohan Som, Lalgopal Muhuri, Jagatnarayan Ghosh, Sureschandra Ray and Akshaykumar Gupta be rejected.

(*ii.*) That Jnanendranath Das and Kedarnath Banerjee be allowed to appear at the ensuing F. A. and B. A. examinations respectively.

(*iii.*) That Anathbandhu Pal be admitted to the F. A. examination and in the event of his successfully passing the examination, his case be brought up before the Senate for sanction.

370. Read an application from Shyam Lal, supported by the written permission of the Registrar, Allahabad University, praying to be admitted to the M. A. examination.

RESOLVED—

That Shyam Lal be informed that he will be admitted to the M.A. examination.

371. Read a letter from Mr. R. C. Dutt, C.I.E., a member of the Senate, forwarding a copy of the revised edition of his work entitled "Civilisation in Ancient India," in 2 volumes, and requesting that the book may be laid before the Board of Studies in History, Political Economy and Geography for consideration.

RESOLVED—

That the book be referred to the Board of Studies in History, Political Economy and Geography.

372. Read a letter from the Agent to Messrs. George Bell & Sons, Publishers, forwarding 90 volumes of the educational works published by the firm, and a selection of 44 volumes from their "Bohn's Library" series, and requesting that the books may be laid before the Boards of Studies at their next meeting.

RESOLVED—

That the books be referred to the respective Boards of Studies.

373. Read a note by Babu Satischandra Banerjee on the Philosophical curriculum for the various examinations of the University.

ORDERED—

To be recorded.

374. Read a letter from the Warden, St. Thomas' College, Colombo, protesting against the removal of Colombo from the list of centres for holding the Entrance examination.

RESOLVED—

That the Warden, St. Thomas' College, be informed that the Syndicate, while regretting that any inconvenience has been caused by the removal of Colombo from the list of centres, have found it necessary to strike off from the list a number of centres at which the candidates are few.

375. Read a letter from the Librarian, Gray's Inn, requesting that a copy of the University Calendar may be annually supplied to the Inn.

RESOLVED—

That the Librarian, Gray's Inn, be requested to apply for a copy of the University Calendar to Messrs. Thacker, & Co., 87, New Gate Street, who are in correspondence with Messrs Thacker, Spink & Co., the Publishers to the University.

376. Read an endorsement from the Deputy Secretary to the Government of India, Home Department, forwarding copy of a Resolution passed by the Governor-General in Council, sanctioning a compensation for dearness of food of Rs. 1-8 a month to the whole-time menial servants of Government employed in Calcutta from 15th of August, 1893, to the 31st December, 1893.

RESOLVED—

That an increased allowance of Rs. 1-8 per month be granted to the menial servants of the University for the time specified in the Resolution.

377. Read a letter from the Superintendent, Baptist Mission Press, submitting an estimate for printing 500 copies of the Law Lectures delivered by the late Pandit Prannath Saraswati.

Read also a letter from Messrs. Thacker, Spink & Co., on the same subject.

RESOLVED—

That Messrs. Thacker, Spink & Co. be authorised to print the lectures in accordance with the terms offered in their letter.

378. Read an application from Satischandra Banerjee, requesting that under the circumstances therein mentioned, his admission to the recent Tagore Law examination may be sanctioned, although he attended only 8 out of the 12 lectures delivered by the lecturer.

RESOLVED—

That the applicant be informed that his admission to the examination cannot be sanctioned.

379. Read a letter from the President and the General Secretary of the VIII International Congress of Hygiene and Demography, Budapest, 1894, requesting that delegates may be nominated to represent the University at the next sitting of the Congress.

RESOLVED—

That Brigade Surgeon Lieut.-Col. K. McLeod, M.A., LL.D., M.D., F.R.C.S., be invited to represent the University at the next sitting of the Congress, and that the General Secretary be informed accordingly.

380. Read a letter from the Registrar, Educational Syndicate, Lower Burma, enquiring whether the Cambridge examination for junior students, not members of the University, is equivalent to the Entrance examination, and whether any of the undermentioned examinations is equivalent in difficulty to the F. A. examination—

(1.) The Associate in Arts examination of the University of St. Andrews

(2.) Examination of the College of Preceptors.

(3.) The Kensington examination is Science, Literature and Art (Senior Division).

RESOLVED—

That the Registrar, Educational Syndicate, Lower Burma, be informed—

(1.) That in the opinion of the Syndicate the Associate in Arts examination of the University of St. Andrews, and the examination of the College of Preceptors are not equivalent in difficulty to the F. A. examination.

(2.) That the Syndicate being ignorant of the Standard of the Kensington examination in Science, Literature and Art (Senior Division), are not in a position to compare it with the F. A. examination, and (3) that in their opinion the Cambridge examination for Junior students is not equivalent to the Entrance examination.

381. The following remuneration bill was passed :—

SECOND L. M. S. RE-EXAMINATION

Names.	Subjects.	Fee for Setting.	Fee for examining answer papers.	Fee for Oral and Practical examinations.	Total.	Income Tax.	Net Amount
		Rs. As P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.	Rs. As. P.
Dr. A. Crombie	Medicine ...	70 0 0	8 0 0	40 0 0	118 0 0	3 1 2	114 14 10
„ D. D. Cunningham ...	Pathology ...	70 0 0	4 0 0	10 0 0	84 0 0	2 3 0	81 13 0
„ W. J Simpson ...	Hygiene ...	70 0 0	4 0 0	10 0 0	84 0 0	2 3 0	81 13 0
Total Rs. ...	.....	210 0 0	16 0 0	60 0 0	286 0 0	7 7 2	278 8 10

(Confirmed).

KALICHARAN BANERJEE,
Chairman.

W. GRIFFITHS,
Registrar.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 19.

THE 24TH FEBRUARY, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

DR. MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE REV. DR. K. S. MACDONALD.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L.
C. W. ODLING, ESQ., M.E., M.I.C.E.
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.

382. The Minutes of the meeting of the Syndicate held on the 7th February were read and confirmed.

383. Read a letter from the Rev. W. McCulloch, resigning his appointment as examiner in English for the recent Entrance examination

The Registrar reported that subject to the approval of the Syndicate, he had asked Mr. R. E. O. Bird, Principal, Armenian College, to look over the answer papers which were allotted to the Rev. W. McCulloch.

RESOLVED—

That the resignation tendered by the Rev. W. McCulloch be accepted, and the action of the Registrar be approved.

384. The Registrar reported that on the recommendation of the President of the Faculty of Medicine, he had asked Babu Chunilal Basu, M.B., to set and examine papers in Medical Jurisprudence for the next L. M. S. and M. B. examinations in the place of Rai Taraprasanna Ray, Bahadur, resigned.

RESOLVED—

That the action of the Registrar be approved.

385. Read a letter from Mr. A. Pedler, F.R.S., stating that he and Dr. Mahendralal Sircar are of opinion that the examination in Practical Chemical Analysis should not be held in the laboratory of the Science Association, as there is no provision for the supply of gas, and as the supply of

apparatus is not sufficient to allow more than 10 students to work at a time.

RESOLVED—

That the examination in Practical Chemical Analysis of B. A. candidates for Honours in Physics and Chemistry be held at the Presidency College.

386. Read a letter from the Principal, Dacca College, recommending that Bijaykumar Gupta, an unsuccessful candidate at the last B. A examination, who took his admission into the 4th-year class of the Dacca College on the 1st September, 1893, may be admitted to the ensuing B. A. examination, and the previous correspondence on the subject

RESOLVED—

That Bijaykumar Gupta be admitted to the ensuing B. A. examination.

387. Read a letter from the Principal, T. N. Jubilee College, Bhagalpur, requesting to be informed for what period a student in the 2nd-year class, who has not been allowed to appear at the ensuing F. A examination on account of deficiency in his attendance, will be required to attend lectures in order to make himself eligible for admission to the F. A. examination in 1895.

RESOLVED—

That the Principal, T. N. Jubilee College, Bhagalpur, be informed that the student will be required to attend lectures for one year counting from the commencement of the session in June 1894, in the subjects in which his attendance has fallen short of the prescribed percentage.

388. Read a letter from the Principal, Canadian Mission College, Indore, requesting to be informed of the reasons that have led the Syndicate to set aside the Canadian Mission College as the Centre for the Calcutta University examinations in Central India, and why no information has been sent to him of the intended change.

RESOLVED—

That the Principal, Canadian Mission College, be informed that it was thought desirable to hold the examinations in an institution other than those from which candidates appear, and that the Vice-Chancellor and Syndicate regret that no intimation was given to him of the change in the place for holding the examinations.

389. Read an endorsement from the Chief Engineer, gengal, Public Works Department, forwarding copies of correspondence that passed between him and the Executive Engineer, 2nd Calcutta Division, regarding the settlement of walls of the University building, and the consequent settlement of the floors of the verandahs on both sides of the building.

ORDERED—

To be recorded.

390. Read the following letter from the Deputy Secretary and Treasurer, Bank of Bengal, advising the purchase of 4 per cent. Government Security for Rs. 25,000 at Rs. 101-1 per cent. on account of the University Reserve Fund :—

"BANK OF BENGAL,
DEPOSITORS' DEPARTMENT,
Calcutta, 15th February, 1894.

No. 86-344.

To

THE REGISTRAR,

CALCUTTA UNIVERSITY, SENATE HOUSE.

DEAR SIR,

I BEG to advise the purchase of 4 per cent. Government Security for Rs. 25,000 (as per enclosed memo) agreeably with instructions.

I have, &c.,
(Sd.) A. W. LINDSAY,
Dy. Secy. and Treasurer.

MEMO. OF PURCHASE,

Account—Registrar, Calcutta University a/c Reserve Fund.

	Rs As P.	Rs As. P.	Rs As. P.
4 per cent. Government Security, No. 349417 of 1865...	25,000 0 0		
Premium @ Re. 1-1 per cent...	265 10 0		
		25,265 10 0	
Interest from 1st November, 1893, to 14th February, 1894, being 3 months, 13 days @ 4 per cent.	286 1 9		
Less Income Tax @ 5 pie per Rupee	7 7 2		
		278 10 7	
			25,544 4 7
To Commission @ ¼ per cent.	.....	... .	63 13 9
		Rupees ...	25,608 2 4

ORDERED—

To be recorded.

391. Read a letter from the Rector, St. James's School, Calcutta, reporting that one of the boys sent up from the above school at the recent Entrance examination, named Paul Alexander (Roll. Calcutta, 1901,) did not receive a second paper in English in the afternoon of the first day of examination.

RESOLVED—

That the letter be referred to the Moderators in Arts.

392. Read an application from Nagendranath Mitra stating that he is unable to avail himself of the permission granted to him in this office letter No. 4093, dated the 5th instant, to appear at the ensuing B. A. examination as a teacher, and praying that under the circumstances of his case, the permission may be extended to the examination in 1895.

RESOLVED—

That the applicant be informed that his prayer cannot be granted.

393. Read an application from Satindranath Ray, praying that under the circumstances therein mentioned, he may be allowed to appear at the F. A. examination in 1895, without further service for six months as a *bonâ fide* teacher in an English school.

RESOLVED—

That the applicant be informed that his prayer cannot be granted.

394. Read an endorsement from the Deputy Secretary to the Government of India, Home Department, forwarding copy of a Despatch from the Secretary of State for India, intimating that by order of the General Medical Council, the degrees of Licentiate in Medicine and Surgery, Bachelor in Medicine and Doctor in Medicine granted by the Calcutta and the Punjab Universities have been recognized by the Council.

ORDERED—

To be recorded.

395. Read a letter from the Deputy Secretary to the Government of India, in the Home Department, stating in reply to this office letter No. 4078, dated the 5th February, 1894, that His Excellency the Governor-General in Council is pleased to sanction the affiliation of the Calcutta Boys' School in Arts up to the F. A. standard.

ORDERED—

To be recorded.

396. Read a letter from the Assistant Inspector of Schools, Bhagalpur Division, recommending that some remuneration may be paid to the Head Masters of several private schools in Bhagalpur who assisted him in superintending the Entrance examination held at that centre.

RESOLVED—

The Syndicate see no reason to change the present system of holding the University examinations in the mofussil which presumes voluntary co-operation on the part of officers interested in education.

(Confirmed).

A. CROFT, *Vice-Chancellor.*

W. GRIFFITHS, *Registrar.*

MINUTES OF THE SENATE

FOR THE YEAR 1893-94.

No. 8.

THE 24TH FEBRUARY, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

Rev. J P. ASHTON, M.A.
K. DEIGHTON, ESQ., M.A.
BABU MAHENDRALAL SIRCAR, M.D., C.I.E.
RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
COL. H. S. JARRETT.
BABU GAURDAS BYSACK.
BABU KRISHNAKAMAL BHATTACHARYYA, B.L.
BABU OMESH CHUNDER DUTT.
SIR ROMESH CHUNDER MITTER, Kt., B.L.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYRATNA, C.I.E.
THE VERY REV. FATHER E. LAFONT, S.J., C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
C. J. LYALL, ESQ., B.A., C.S.I., C.I.E
A. PEDLER, ESQ., F.R S.
P. K. RAY, ESQ., D.Sc.
A. F. RUDOLF HŒRNLE, ESQ., M.A. PH D.
BABU TRAILOKYANATH MITRA, M.A., D.L.
W. GRIFFITHS, ESQ., M.A.
THE HON'BLE MR. JUSTICE GOOROO DASS BANERJEE, M.A., D.L.
F. J. ROWE, ESQ., M.A.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
BABU JAGADBANDHU BASU, M D.
BABU SURYYAKUMAR SARBADHIKARI.
SURGEON-COL. R. HARVEY, M.D., D.S O.
REV. K. S. MACDONALD, M.A., D.D.
BABU HEMCHANDRA BANERJEE, B.L.
MAULAVI MUHAMMAD YUSOOF, KHAN BAHADUR, B.L.
RAI LALMADHAB MOOKERJEE, BAHADUR, L.M.S.
G. A. GRIERSON, ESQ., B.A., C.S.
BABU GAURISANKAR DE, M.A., B.L.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
RAJA PYARIMOHAN MOOKERJEE, M.A., B.L., C.S.I.
BABU DEBENDRANATH RAY, L.M.S.
MANMOHAN GHOSE, ESQ.
RAI RAJKUMAR SARBADHIKARI, BAHADUR, B.L.
SURGEON LIEUT.-COL. J. O'BRIEN, M.D., C.M., F.R.C.S.E.
C. W. ODLING, ESQ., M.E., M.I C.E.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
H. M. PERCIVAL, ESQ., M.A.
RAI RADHIKAPRASANNA MUKERJEE, BAHADUR.
RAI BANKIMCHANDRA CHATTERJEE, BAHADUR, B.L., C.I.E.
BABU ISANCHANDRA BASU, M.A., B.L.
REV. J. HECTOR, M.A.
BABU BHOLANATH PAL, M.A.
BABU NILMANI MUKERJEE, M.A., B.L
BABU SARADACHARAN MITRA, M.A. B.L.
NAWAB MEER MUHAMMAD ALLY.
J. MANN, ESQ., M.A.
BABU GOLAPCHANDRA SARKAR, M A., B.L.
THE MOST REVD. PAUL GOETHALS, D.D., S.J.
NAGENDRANATH GHOSE, ESQ.
A. F. M. ABDUR RAHMAN, ESQ.
BABU DURGAMOHAN DAS.

SHAMS-UL-ULAMA AHMAD.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M.A.
THE HON'BLE C. E. BUCKLAND, B.A., C.S.
SHAMS-UL-ULAMA SHAIKH MAHMUD GILANI.
BABU SRINATH DAS.
BABU ASUTOSH MUKHOPADHYAY, M.A., D.L., F.R.A.S., F.R.S.E.
THE HON'BLE GONESHCHUNDER CHUNDER.
THE HON'BLE MR. JUSTICE J. F. NORRIS, Q.C.
REV. H. WHITEHEAD, M.A.
MAHARAJA SIR NARENDRAKRISHNA, BAHADUR, K.C.I.E.
MAULAVI ASHRAFUDDIN, KHAN BAHADUR.
BABU BIPINBIHARI GUPTA, M.A.
REV. J. MORRISON, M.A., B.D.
SURGEON LIEUT.-COL. J. F. P. MCCONNELL, M.D., F.R.C.P.
RAI GUNABHIRAM BARUYA, BAHADUR.
BABU JOGINDRACHANDRA GHOSE, M.A., B.L.
BABU MAHENDRANATH RAY, M.A., B.L.
PRINCE SIR JEHAN KADER MIRZA MUHAMMAD WAHID ALI, BAHADUR, K.C.I.E.
REV. A. PATON BEGG, B.A.
BABU KAILASCHANDRA BASU, L.M.S.
SURGEON LIEUT.-COL. C. H. JOUBERT, M.B., F.R.C.S.
C. R. WILSON, ESQ., M.A.
BABU NILRATAN SARKAR, M.A., M.D.
BABU RAMCHARAN MITRA, M.A., B.L.
BABU NARENDRALAL DE, M.A., B.L.
THE HON'BLE MR. JUSTICE C. H. HILL, M.A.
THE VERY REV. VINCENT NAISH, S.J.
J. S. ZEMIN, ESQ.
MAULAVI SHAMS-UL-HUDA, M.A., B.L.
BABU HERAMBACHANDRA MAITRA, M.A.
BABU SRISCHANDRA CHAUDHURI, M.A., B.L.
BABU RAMENDRASUNDAR TRIBEDI, M.A.

397. The Vice-Chancellor, who was in the Chair, said that the first business was to consider the following requisition addressed by certain members of the Senate to him :—

"We have the honour to request you to be so good as to convene a meeting of the Senate on an early date for the purpose of considering and passing orders on the application of certain candidates for the degree of Bachelor of Law, dated the 10th instant, which was rejected by the Syndicate on the 13th instant."

Maharaja Sir Narendra Krishna said that they had met to decide a very simple question—whether graduates who had received in the aggregate 300 marks in the B. L. examinations held in November last, should obtain their degrees. By altering Rule 3 the Syndicate had limited the number of pass marks to 400, but notice of this alteration had not been sent to the examiners and professors of affiliated colleges before the students were examined. Two professors denied having received any notice of the change, and according to the opinion of Mr. Woodroffe, the eminent barrister, this omission on the part of the Syndicate invalidated the rule in question.

The Vice-Chancellor ruled that the opinion not having been circulated, it could not be referred to.

Maharaja Sir Narendra Krishna then moved—

"That all candidates for the B. L degree who obtained at least 33 per cent. in each paper and 300 marks in the aggregate at the last examination be declared to have passed that examination and to be entitled to have that degree conferred upon them."

Raja Peary Mohan Mookerjee begged to second the motion. In doing so he wished to observe that the Vice-Chancellor had rendered the work of the mover and the seconder of the resolution very much lighter by having circulated a memorandum which very clearly and authoritatively set forth the facts in connection with the motion He was beholden to Sir Alfred Croft for having resisted the temptation of expressing any opinion whatever upon the merits of the motion. Considering the great weight which his opinion on any University question must deservedly have on the members of the Senate and particularly those connected with public educational institutions, Sir Alfred Croft's abstaining from expressing any opinion upon the merits of the motion was to use a phrase happily used by His Excellency the Viceroy a few days ago "no small act of self-repression."

The admitted facts of the case were these: certain alterations were made in the regrouping of the subjects for the B. L. examination and the number of papers were increased from 6 to 8 in January 1891. In April of that year the Syndicate resolved that the changes would come into effect in May 1893, that is, after more than two years' and notice was therefore given to the heads of institutions and intending candidates of the changes so made. No change was made regarding the aggregate pass marks for degrees either in the 1st or 2nd divisions. The heads of institutions and intending candidates were allowed to remain under the impression that 300 were the pass marks for a degree in the first division and one candidate took the trouble to enquire of the Registrar whether this was so or not. The increase in the number of papers from 6 to 8 meant a stiffer and more searching examination, and therefore the number of marks was allowed to remain as before. The pass marks required for other professional licenses and degrees was less than half of the total number of marks. Another fact was that none of the candidates for the first L. M. S. nor of the 2nd L. M. S. were required to score half the number of marks.

Candidates for the 1st M. B. and those for the 2nd M. B. were required to score half the number of marks, while candidates for the L. E. and B. E. were required to score only one-third, and half the total for passing in the 2nd division. When the examiners were appointed in June 1893, they were instructed that 300 was the pass mark and questions were set with reference to this pass mark. It was useless to speculate whether the questions would have been the same or less stiff if the examiners had been told that the pass mark was 400 instead of 300, and presumably the questions would have been easier. Candidates had paid their fees on the belief that 300 was the pass mark, and it was no stretch of imagination to suppose that a number of them would not have applied to be examined or paid the fees if they had known that the pass mark had been raised, as a fee of Rs. 30 was not a mere trifle to a large majority of them. The marks must have been awarded on the basis of the pass standard being 300 of the total number for the rules which were applied to the examiners for the conduct of the examination were those published at page 130 of the Calendar for 1893. It was after every step connected with the examination had been gone through, that it was brought to the notice of the examiners on the 11th December last, that the aggregate pass mark had been changed from 300 to 400. This was done after the date of the return of marks was due, and it gave no time to the examiners to revise results. Even if there was time, it would not have cured the initial defect regarding the setting of questions, and as a matter of fact the marks were not revised. When changes were made, it was the usual practice to give at least a year's notice of such change, but in the present instance although the change had been made on the 24th of June, 1893, no notice of it was given nor was it published for the information of candidates. On the contrary students were referred to the Calendar when they sought information. This could not have been an oversight. The Syndicate did not declare from what date the alteration would operate, and it was therefore clear to the Registrar as to the candidates that the existing rules would govern the examinations. Every circumstance therefore went to show that the rules printed at page 130 of the Calendar should have governed the grant of degrees, and that the alteration made had even

now no binding force. What was the remedy? The Vice-Chancellor had quoted in his memo., section 14 of the Act of Incorporation to show that it was the examiners who were to declare which of the candidates were entitled to the degree, but as a matter of fact and unvarying practice, the Syndicate and the Senate had assumed the power of dictating what should be the pass standard for a degree. It could be only in the exercise of that right that they fixed the pass marks at one-third or one-half of the total number. Section XIV strictly construed would give the examiners the power of declaring without reference to any pass marks which of the candidates had passed. He thought, however, that the right exercised by the Senate was one which did not conflict with the law, as section XI of the Act expressly gave the Senate power to confer degrees, and bye-law IX in the Calendar stated it to be the duty of the Syndicate to grant licenses, degrees and awards. This clearly meant a power to declare which of the candidates were entitled to get the degree.

A long debate then ensued, of which the following is a summary.

Mr. Manomohan Ghose said that he rose to propose an amendment. Speaking for himself he was of opinion that the time had come when the Senate as a body might well take into consideration the question whether, in the public interest, it would not be better to hold a competitive examination and limit the number of successful students. Whether or not they had any power to overrule the decision of the Syndicate, they ought to avoid discussing such a matter. For the sake of discipline alone, they should not as a general rule, allow candidates to appeal to them against the decision of the Syndicate, or prematurely to have recourse to the law courts. The real question was whether any case of injustice or hardship had been made out as regards these seventy-one candidates. In his opinion, the facts of the case had been very carefully set out in the statement which the Vice-Chancellor had circulated among them, and if, as was stated, no notice of this alteration was sent to the heads of institutions and to the candidates, he thought they had good and legitimate grounds of complaint and justice should be done them. He, therefore, moved the following amendment: "That the Senate recommend that

the Syndicate direct the Board of Examiners to revise the result of the last B. L. degree examination with reference to Rule No. 3, printed at page 130 of the Calendar for 1893, and that the Senate are of opinion that the amendment of the aforesaid rules adopted by the Syndicate on the 24th of June last should not be considered to be in force at the last examination.

The Vice-Chancellor ruled the last portion of the amendment out of order.

The Rev. Fr. Lafont in seconding this amendment said it struck him that the new rule passed on the 24th of June last was not sufficiently promulgated, and to his lay mind, a rule which was not promulgated was no rule at all. At the last moment, to come and say that the pass marks which had been 300 were raised to 400 did not seem to him a proper course to take.

Mr. Rowe said he had not the smallest sympathy with the petty jealousy so often displayed by some members of the Senate with regard to the action of the Syndicate. The Syndicate were the representatives of the Senate, elected by the Senate to form the governing body of the University: presumably the Fellows chose the best men from among themselves to represent them, and certainly no members of the Senate were better fitted to form the executive body of this University than the gentlemen who at present form the Syndicate. At the same time he felt that he could not quite support the action of the Syndicate on this question. Granting that really these plucked candidates had no substantial grievance, it must be acknowledged that an error had inadvertently crept into the Calendar, and it was just possible that some one or two students might have been misled. Surely it was better for the University that no shadow of suspicion of its fairness should rest upon its name. He would therefore not vote against Mr. Ghose's motion, although he did not entirely agree that it met the case.

The Hon'ble Dr. Rashbehari Ghose opposed the amendment that Mr. Ghosh had moved.

Dr. Harvey said he would ask whether there was not another side to the question, and whether they would not do an injustice to the public in conferring upon these candidates their degrees. Fifty per cent. would in future represent the minimum amount of knowledge for the B. L.

examination, and they were now asked to confer that degree upon men who had only gained thirty-seven and-a-half per cent. of the aggregate marks. As an old Examiner in medicine he could certify that men who gained only 37½% were quite unfit to be let loose on the public as medical practitioners, and if the case had happened in the Faculty of Medicine, the University would surely refuse to put its *imprimatur* on such men. It seemed to him that it would be just as unfair to stamp inferior lawyers as Bachelors of law.

Sir Romesh Chunder Mitter said it seemed to him that there were two questions for consideration before the Senate. The first question was whether the rule fixing 300 marks as the minimum number of marks, printed at page 131 of the Calendar for 1893, or its amendment, which was adopted by the Syndicate on the 24th of June last, was to be taken as a hard and fast rule binding upon the examiners, and whether the amendment was valid. The second question, assuming that the amended rule was valid, was whether the original rule printed at page 131 was in force at the last B. L. degree examination. With regard to the first question, it was extremely doubtful to him whether a rule of that kind was valid or not, Section 14 of the Act of Incorporation vested the examiners with the authority of declaring whether a particular candidate ought to be declared passed or not. Could the Syndicate and Senate by any law overrule the discretion thus vested in the examiners by this section? He doubted very much whether they could do so. He thought the proper meaning of all these rules—he meant the rule as to the minimum pass marks —was this, *viz.*, that they simply pointed out to them that ordinarily they should be guided by these rules; but they were not unconditionally bound by these rules.

The Hon. Mr. Justice Norris said he had a few remarks to make, but he would not detain them at any length. In the first place he did not for a moment believe, as Dr. Harvey had pointed out, that the candidates who had been disqualified, whose cause so many distinguished gentlemen had pleaded, had in reality any grievance at all. If he could persuade himself that any considerable portion of the gentlemen who complained had been to any appreciable extent misled, he should have been the first to endeavour to do them every conceivable

justice, but in the long and tedious oration which had been made in their favour, not one word fell from the Rajah's lips to that effect, and he did not dare in all he said for one moment in one sentence to say that the candidates had been misled or had attended the examinations wholly without the knowledge that they had to obtain a maximum of 400 pass marks. The Hon'ble Romesh Chunder Mitter had not ventured to say that any one of these gentlemen. for whom he pleaded, had been misled. He did not propose to follow the hon'ble gentleman in his view of the law, as it had often been his misfortune to agree with him, and very often they had been in the minority, but upon this occasion he ventured to disagree with the view of the law the hon. speaker had propounded. But there was another and more important point. What was the position of those who were asking for mercy? They were not asking for justice but they were seeking to be admitted to degrees by a side wind to take advantage of an unfortunate mistake. What would have been their position? He thought that they would have failed. If these seventy-one candidates were admitted, he trusted that the Senate would see their way to put a star against their names, pointing out plainly to the public what their professional reputation rested on.

The Hon. Justice Gooroo Dass Banerjee said that he freely shared the sentiments which the Vice-Chancellor expressed in his last Convocation speech; and if the question before them had been, whether these seventy-one unsuccessful B. L. candidates were to have any indulgence shown to them, he would have had no hesitation in answering in the negative. But the question before them was, whether, they having announced in their published rules and regulations that 300 out of 800 was to be the minimum aggregate of pass marks, and having directed the examiners to frame their questions on the footing of 300 being the minimum and the examiners having done so, it was right for them after the examination had been held to issue any subsequent direction to the Examiners countermanding their first direction, and substituting 400 as the minimum He regarded the subsequent direction as a substantive change in the rule, and he, therefore supported the amendment moved by Mr. Ghose.

Mr. Rowe said that he would now by permission of the Vice-Chancellor, submit an amendment which he had just formulated, and which was as follows:—"That the seventy-

one candidates at the recent B. L. examination who obtained 33 per cent. in each paper and 300 in the aggregate be re-examined without fees by the same Board of Examiners as last year, and that those who obtained the number of marks requisite according to the rules now in force be declared qualified to obtain the degree of B. L."

The Hon. Mr. Justice Norris had great pleasure in seconding Mr. Rowe's amendment.

Baboo Kali Charan Banerjee said that he had an amendment to move, which was as follows:—"That the Senate recommend to the Syndicate that they request the examiners for the recent B L. examination to consider whether the statement of the minimum aggregate pass marks contained in the original instructions, influenced them to the prejudice of the examinees in setting questions or in assigning marks, and if they came to the conclusion that it had so influenced them, to revise the marks of the unsuccessful candidates as they thought fit, and make a fresh declaration as regards such candidates."

This was seconded by Dr. Asutosh Mookerjee.

The Vice-Chancellor said that they had heard the substantive motion and Mr. Ghose's amendment. Except with regard to the form of the order, the motion and Mr. Ghose's amendment practically came to the same thing. In one case, the Senate was to declare the candidates qualified, and in the other they were to direct the examiners to declare them qualified. He could not put the question to the vote without expressing the opinion he held on this point, because he felt very strongly that it was one with which the reputation of the University was very closely connected. He should avoid all minor technicalities, and present the question to the Senate in the only light in which it seemed to him the question ought to be put before them. No one argued or pretended that these candidates were qualified for a degree by any standard of qualification that had hitherto been in force or would be in force hereafter. And yet the Senate was asked to declare them qualified and entitled to the degree, ostensibly upon grounds of justice to the candidates. Would it really be pretended that, because a candidate believed at the time of the examination that 300 marks would pass him, he therefore, in his previous months of study, read his subject with just that precise and carefully calculated degree of attention as would secure him the 300 marks and no more; not wishing to

master the science of law as a genuine student should do, but just to scrape through with the barest possible pass? Did he expect any sympathy from the Senate if he failed in this? On the contrary, the Vice-Chancellor held that candidates approaching the subject in such a spirit deserved the worst which could befall them, and deserved neither a degree nor any consideration from the Senate. But in reality there were no such candidates; it was a slur upon the student body to suppose that there were. But if so, it followed that the candidates had studied the subject to the best of their ability, and had failed to attain that percentage which, from the first institution of the B. L. degree, had been declared to be the qualifying percentage. Had we any shadow of a right to lower the standard which neither the Faculty of Law nor the Senate intended to be lowered; for no such question had ever been discussed. It was needless to say that, when they met in that hall they met as trustees for the public and for the University. Now, if this was the case, supposing the motion was carried, how would they meet the charge that they, the Senate of the University, well knowing that a number of candidates were not qualfied for their degrees according to any standard which had been hitherto recognised, nevertheless took advantage of an unfortunate but still accidental oversight in the Calendar to declare that they were qualified, and to admit them to a degree for which they had shown themselves to be unfit? It seemed to him that, in adopting this proposal, they would be entering upon a fatal, and even a degrading course; in putting the hall mark of the University upon what they knew to be base metal —he meant to say, metal below the standard of fineness which, on the faith of that hall-mark, the public believed it to possess. If it be true that the unsuccessful candidates could appeal to the law for redress, let them appeal; and if the law decided that the technical ground they put forward was sufficient, then they would have to bow to that decision; but let the Senate be no party to that result. They had a duty to discharge, and it was a high one; they were there to maintain the reputation of the University and the integrity of their standards. A weighty trust had been committed to them—to see that the degrees which the University conferred represented the recognised and admitted standards of knowledge. They could sympathise with these, as with all unsuccessful candidates, but

let not their sympathy blind them to the higher duty, which the true interests and the honour of the University imposed upon them.

Mr. Ghose's amendment, which now runs as follows: "That the Senate recommend that the Syndicate direct the Board of Examiners to revise the result of the last B. L. degree examination with reference to Rule No. 3, printed at page 130 of the Calendar for 1893," was then put to the meeting and carried.

The Vice-Chancellor said that as Mr. Ghose's amendment had now become the substantive motion, he would put Mr. Rowe's amendment to the meeting. Mr. Rowe's amendment was then put to the vote and just lost.

Baboo Kali Charun Banerjee's amendment, in support of which it was urged that the so-called rule No. 3 had never been passed by the authorities, and that, therefore, it was futile to rely upon it as a rule, was next, put to the meeting, and was also lost.

Mr. Ghose's motion was then put to the vote and carried.

Owing to the lateness of the hour, the remainder of the business on the agenda paper was postponed to a future date, and the meeting then separated.

W. GRIFFITHS,

(Confirmed). *Registrar.*

A. CROFT,

Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 20.

THE 28TH FEBRUARY, 1894.

(*In Circulation.*)

398. Read a letter from the President, Organisation Committee of the Tenth International Congress of Orientalists, requesting that a delegate may be nominated to represent the University at the next sitting of the Congress to be held at Geneva in September 1894.

RESOLVED—

That Dr. A. F. R. Hœrnle be invited to represent the University at the Tenth International Congress of Orientalists to be held at Geneva in September next, if he can find it convenient to attend.

(Confirmed).
A. CROFT,
Vice-Chancellor.

W. GRIFFITHS,
Registrar.

MINUTES

OF THE

FACULTY OF ENGINEERING

FOR THE YEAR 1893-94.

No. 1.

THE 9TH MARCH, 1894.

Present:

C. W. ODLING, ESQ., M.E, M.I.C.E., *President, in the Chair.*

SIR ALFRED CROFT, K.C.I.E., M.A.
RAI RADHIKAPRASAD MUKERJEE, BAHADUR, C.E., M.I.C.E.
BABU KSHETRANATH CHATTERJEE, M.I.C.E.
W. H. JOBBINS, ESQ.

399. The Faculty met to elect a President and Representative in the Syndicate for the year 1894-95.

Proposed by Sir Alfred Croft and seconded by Rai Radhikaprasad Mukerjee, Bahadur, that Mr. C. W. Odling be appointed President of the Faculty of Engineering and Representative of the Faculty in the Syndicate for 1894-95.

The proposal was carried unanimously.

(Confirmed).
C. W. ODLING,
President.

W. GRIFFITHS,
Registrar

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 21.

THE 10TH MARCH, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

DR. MAHENDRALAL SIRCAR, C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
THE REV. DR. K. S. MACDONALD.
MAULAVI MUHAMMUD YUSOOF, KHAN BAHADUR, B.L.
C. W. ODLING, ESQ., M.E., M.I.C.E.
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
SURGN. LIEUT.-COL. J. F. P. MC-CONNELL, M.D., F.R.C.P.
BABU KAILASCHANDRA BASU, L.M.S.

400. The Minutes of the Syndicate, dated the 24th and the 28th February, were read and confirmed.

401. Read the following resolution passed by the Senate at their meeting held on the 24th February :—

"That the Senate recommend that the Syndicate direct the Board of Examiners to revise the results of the last B. L. degree examination with reference to Rule 3 printed at page 130 of the Calendar for 1893."

RESOLVED—

That the Resolution of the Senate be forwarded to the Board of Examiners and that their attention be directed to the decision of the Senate.

402. Read the Proceedings of the Board of Studies in Arabic, Persian and Urdu, dated the 23rd February.

RESOLVED—

That the following Urdu selections be prescribed for female candidates who intend to appear at the F. A. examinations in 1895 and 1896 :—

I.	Musddasi Hali	...	The whole.
II.	Abi Hayat	Pages	237 to 264
III.	Fasani Ajayib	,,	1 to 16
IV.	Arayeshi Mahfil	,,	4 to 36
V.	Urdu Moalla	,,	5 to 37

403. Read a letter from Mr. K. Deighton, Examiner in English for the recent B. A. examination, requesting that as a special case Rs. 200 may be granted to him as travelling allowance, in addition to his remuneration for looking over the answer papers.

RESOLVED—

That Mr. Deighton be informed that the Syndicate regret that they can not comply with his request.

404. Read an endorsement from the Director of Public Instruction, Burma, forwarding a letter from the Head Master, Rangoon Diocesan High School, stating that in the Geometry paper which the candidates for the recent Entrance examination were required to answer, 40 per cent. of the marks were assigned to book work instead of 60 per cent. as laid down in the Rules for examination (page 125 of the University Calendar for 1893).

Read also a letter from Mr. W. Booth, Head Examiner in Mathematics at the recent Entrance examination, refuting the allegation made by the Head Master, Rangoon Diocesan High School, in the above letter.

RESOLVED—

That the Director of Public Instruction, Burma, be informed that there appears to the Syndicate to be no substantial ground for complaint.

405. Read a letter from Mr. W. Booth, reporting that on the forenoon of Tuesday, the 27th ultimo, a student of St. Mary's Institution, Chandernagore, being a candidate for the F. A. examination, refused to give up his answer paper when duly called on to do so, and enquiring under what authority it is incumbent upon him to supervise the examination of such persons as the students of St. Mary's Institution, Chandernagore.

RESOLVED—

That Mr. Booth be informed—

(1.) That if the candidate declined to give up his paper he is punished by losing all credit for his answers.

(2.) That regarding the enquiry made in his letter, he should refer the question to the Head of his Department under whose instructions, it is understood, that the University obtains the advantage of the services of educational officers.

406. Read a letter from the Principal, Dacca College, forwarding an application from Mahendrachandra De, a candidate at the recent Entrance examination held at Dacca, stating that he received no translation paper in the afternoon of the first day of the examination.

RESOLVED—

That the letter be referred to the Board of Moderators in Arts.

407. Read an application from H. M. Page, stating that he passed the F. E. examination of the Bombay University in 1873, and requesting that according to the foot-note in page 71 of the University Calendar for 1893, he may be allowed to appear at the B. A. examination of this University in 1895, or any subsequent year.

RESOLVED—

That the applicant be informed that he will be allowed to appear at the F. A. examination, and that if he passes, he will be admitted to the B. A. examination without being required to complete two years' study in an affiliated institution in either course.

408. Read an application from Millicent F. Schokman, requesting to be admitted to the F. A. examination without being required to pass the Entrance examination on the ground of her having passed the Senior Local examination of the Cambridge University.

RESOLVED—

That the Syndicate recommend to the Senate that Millicent F. Schokman be admitted to the F. A. examination without being required to pass the Entrance examination, on the ground of her having passed the Senior Local examination of the Cambridge University.

409. Read an application from A. Dias, requesting permission to appear at the F. A. examination in 1896 without passing the Entrance examination, on the ground of his having passed the Senior Local examination of the Cambridge University.

RESOLVED—

That the Syndicate recommend to the Senate that A. Dias be admitted to the F. A. examination in 1896, without passing the Entrance examination, on the ground of

his having passed the Senior Local examination of the Cambridge University.

410. Read an application from F. A. Vokes, requesting permission to appear at the F. A. examination, without being required to pass the Entrance examination, on the ground of his having passed the Final Standard examination for European Schools in India.

RESOLVED—

That the Syndicate recommend to the Senate that F. A. Vokes be allowed to appear at the F. A. examination without passing the Entrance examination, on the ground of his having passed the Final Standard examination for European Schools in India.

411. Read an endorsement from the Principal, City College, forwarding an application from Babu Trilochan Sen, reporting that his son, Rajendrachandra Sen, who deposited his fee for admission to the recent B. A. examination, died on the 13th ultimo, and requesting that the fee paid by the deceased may be refunded.

RESOLVED—

That the fee paid by the deceased be refunded to his father through the Principal, City College.

412. The Registrar reported that a candidate at the recent F. A. examination from the Bangabasi College, named Rasiklal Basu, who got admission to the examination by presenting a transfer certificate, the figures in which were fraudulently altered by him, was, on satisfactory proof of his guilt, and on his own confession thereof, removed from the examination on the afternoon of the 2nd March.

RESOLVED—

That Rasiklal Basu be declared disqualified from appearing at any examination of the University.

413. Read a letter from Babu Chandramohan Sen, requesting to be informed whether a candidate, who obtained permission to appear at the recent F. A. examination as a teacher and paid the usual fee, but was prevented from availing himself of the permission on account of sudden illness, will be admitted to the examination in 1895, without further service as a teacher in an English school.

RESOLVED—

That Babu Chandramohan Sen be informed that the candidate must serve for six months as a teacher in order to make himself eligible for admission to the F. A. examination in 1895.

414. Read a petition from Gobindachandra Chakrabarti, tutor to the sons of the District and Sessions Judge, Boalia, praying that under the circumstances therein set forth, he may be allowed to appear at the B. A. examination in 1895 as a teacher, on condition that he should serve as a tutor all along up to the examination, or if he resigns the present post, he should serve as a teacher elsewhere.

RESOLVED—

That the applicant be informed that he will be admitted to the B. A. examination in 1895 as a teacher on the condition named in his letter.

415. The Registrar asked the sanction of the Syndicate to certain charges in connection with the recent examinations which appear to him to be of an unusual nature.

RESOLVED—

(1.) That the charges are unauthorised and unusual, and cannot, therefore, be sanctioned.

(2.) That educational officers asking for remuneration for supervising the examinations, be informed that the Syndicate, in requesting them to assist in superintending the examination relied on their voluntary co-operation.

416. Read a letter from the Principal, Dacca College, reporting that the F. A. and B. A. examinations held in Dacca from 26th February to the 5th March, have been conducted in strict accordance with the instructions laid down by the University, and requesting that some remuneration may be paid to him, as Superintending Officer, in acknowledgment of his services on behalf of the University.

RESOLVED—

That the Principal, Dacca College, be informed that the Syndicate see no reason to change the present system of holding University examinations outside the Metropolis which presumes voluntary co-operation on the part of officers interested in education.

417. Read an endorsement from the Principal, Metropolitan Institution, forwarding an application from Abhayacharan Das, praying that under the circumstances therein mentioned, he may be allowed to appear at the next B. L. examination after attending lectures for such period only as will enable him to make up the deficiency of 51 lectures in his attendance.

RESOLVED—

That the Principal, Metropolitan Institution, be informed that Abhayacharan Das must attend 75 per cent. of the lectures delivered during a full year in order to make himself eligible for admission to the B. L. examination.

418. Read letters from the Principals, Holkar College, and the Brajamohan Institution, Barisal, pointing out that the answer to question No. 5 in the Physics paper set at the recent F. A. examination is contained in Article 488 in the 5th Edition of Ganot's Physics, which article was expressly omitted from the course.

The Registrar reported that the examiners have been instructed to omit the question No. 5 and to distribute the marks allotted to it among the remaining questions.

RESOLVED—

That the action of the Registrar be approved and that the attention of the gentleman who set the paper be called to the fact that in the list of text-books forwarded with his letter of appointment, it was distinctly stated that Article 488 should be omitted, while question No. 5 appears to have been set from that Article.

419. Read letters from the Principal, Rangoon College, and the Professors of Physical Science in the Free Church and the General Assembly's Institutions, pointing out that the Pass papers in Physics for the recent B. A. examination contain certain questions set from subjects expressly excluded from the Pass course.

RESOLVED—

That a copy of the letter from the Principal, Rangoon College, be forwarded to the examiners with instructions to redistribute the marks allotted to the questions set from outside the prescribed course among the remaining questions.

420. Read a letter from Dr. Asutosh Mukhopadhyay, inviting attention to certain errors in the Honour papers in Mathematics set at the recent B. A. examination.

RESOLVED—

That the examiners be instructed to redistribute the marks allotted to the 2nd part of question No. 1 and the first part of question No. 2 in the 3rd Honour paper in Mathematics set at the recent B. A. examination, among the remaining questions contained in that paper.

421. Read an endorsement from the Principal, City College, forwarding an application from Gaurchandra Datta, praying that under the circumstances therein stated, he may be allowed to appear at the F. A. examination in 1895 on his attending the prescribed number of lectures.

RESOLVED—

That the Principal, City College, be informed that the applicant will be allowed to appear at the F. A. examination in 1895, provided he can show that he attended 66 per cent. of the total number of lectures delivered at St. Xavier's College in 1892 and at the City College in 1894.

422. Read an endorsement from the Principal, City College, forwarding an application from Ramapati Ray, praying that under the circumstances therein mentioned he may be allowed to appear at the next B. L. examination on his attending either (1) 24 lectures in each group of subjects prescribed for the examination or (2) 75 per cent. of the total number of lectures to be delivered during the current session.

RESOLVED—

That the Principal, City College, be informed that Ramapati Ray will be admitted to the B. L. examination on his attending 24 lectures in each group of subjects prescribed for the examination.

423. Read a letter from Pramathanath Banerjee, stating that his attendance at the B. L. lectures has fallen short of the prescribed percentage, and requesting that he may be allowed to make up the deficiency by attending additional lectures.

RESOLVED—

That the applicant be informed that he will be admitted to the B. L. examination, on his attending 75 per cent. of the lectures delivered during a full year.

424. Read an application from Pandit Chandramohan Tarkaratna, requesting that some remuneration may be paid to him for editing and revising the proofs of the Entrance Sanskrit Selections for 1895.

RESOLVED—

That a remuneration of Rs. 25 be granted to Pandit Chandramohan Tarkaratna for editing and revising the proofs of the Sanskrit Entrance Selections for 1895.

(Confirmed.) W. GRIFFITHS,
A. CROFT, *Registrar.*
Vice-Chancellor.

MINUTES

OF

THE FACULTY OF ARTS

FOR THE YEAR 1893-94.

No. 3.

THE 17TH MARCH, 1894.

Present:

DR. MAHENDRALAL SIRCAR, C.I.E., *President, in the Chair.*

REV. J. P. ASHTON, M.A.
RAI KANAILAL DE, BAHADUR, F.C.S., C.I.E.
BABU OMESH CHUNDER DUTT.
NAWAB ASGHAR ALI, KHAN BAHADUR, DILER JUNG, C.S.I.
MAHAMAHOPADHYAY MAHESACHANDRA NYAYARATNA, C.I.E.
THE VERY REV. FR. E. LAFONT, S.J., C.I.E.
BABU KALICHARAN BANERJEE, M.A., B.L.
P. K. RAY, ESQ., D.SC.
W. GRIFFITHS, ESQR., M.A.
THE HON'BLE MR. JUSTICE GOOROO DASS BANERJEE, M.A., D.L.
F. J. ROWE, ESQ., M.A.
THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.
BABU KRISHNABIHARI SEN, M.A.
REV. K. S. MACDONALD, M.A., D.D.
BABU GAURISANKAR DE, M.A., B.L.
THE HON'BLE MAULAVI SERAJUL ISLAM, KHAN BAHADUR, B.L.
RAI RAJKUMAR SARBADHIKARI, BAHADUR, B.L.
THE HONBLE MAULAVI ABDUL JUBBAR, KHAN BAHADUR.
BABU ISANCHANDRA BASU, M.A., B.L.
REV. J. HECTOR, M.A.
BABU NILMANI MUKERJEE, M.A., B.L.
SHAMS-UL-ULAMA ABDUL HAI.
BABU SARADACHARAN MITRA, M.A., B.L.
NAWAB MEER MUHAMMAD ALI.
BABU GOLAPCHANDRA SARKAR, M.A., B.L.
A. F. M. ABDUR RAHMAN, ESQ.
BABU CHANDRANATH BASU, M.A., B.L.
BABU HARAPRASAD SASTRI, M.A.
SHAMS-UL-ULAMA AHMAD.
BABU UMESCHANDRA DATTA, B.A.
BABU RAJANINATH RAY, M.A.
SHAMS-UL-ULAMA SHAIKH MAHMUD GILANI.
J. C. BOSE, ESQ., B.SC.
BABU SRINATH DAS.
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
REV. H. WHITEHEAD, M.A.
BABU SYAMACHARAN GANGULI, B.A.
BABU BIPINBIHARI GUPTA, M.A.
REV. J. MORRISON, M.A., B.D.
BABU MAHENDRANATH RAY, M.A., B.L.
PRINCE SIR JEHAN KADER MIRZA MUHAMMAD WAHID ALI, BAHADUR, K.C.I.E.
REV. A. P. BEGG, B.A.
BABU UPENDRANATH MITRA, M.A., B.L.
C. R. WILSON, ESQ., M.A.
BABU NARENDRALAL DE, M.A., B.L.
THE VERY REV. VINCENT NAISH, S.J.
BABU HERAMBACHANDRA MAITRA, M.A.
BABU SRISCHANDRA CHAUDHURI, M.A., B.L.
BABU RAMENDRASUNDAR TREVEDI, M.A.

425. The Faculty proceeded to elect a President and five representatives in the Syndicate for the year 1894-95.

Mr. F. J. Rowe proposed that Dr. Mahendralal Sircar be elected President of the Faculty for the year 1894-95.

Babu Umeschandra Datta seconded the proposal, which was carried unanimously.

426. The undermentioned gentlemen were proposed as representatives of the Faculty in the Syndicate for the year 1894-95.

Dr. Mahendralal Sircar, C.I.E.
Babu Kalicharan Banerjee, M.A., B.L.
Rev. K. S. Macdonald, M.A., D.D
Mr. F. J. Rowe, M.A.
The Hon'ble Maulavi Abdul Jubbar, Khan Bahadur.
Mr. G. A. Grierson, B.A., C.S.
Babu Saradacharan Mitra, M.A., B.L.
Dr. Asutosh Mukhopadhyay, F.R.A.S., F.R.S.E.

A ballot having been taken, the undermentioned gentlemen were declared duly elected :—

Dr. Mahendralal Sircar, C.I.E.
Dr. Asutosh Mukhopadhyay, F.R.A.S., F.R.S.E.
Babu Kalicharan Banerjee, M.A., B.L.
Mr. F. J. Rowe, M.A.
The Hon. Maulavi Abdul Jubbar, Khan Bahadur.

427. The Hon'ble Mr. Justice Gooroo Dass Banerjee moved that the following recommendations of the Board of Studies in Mathematics be adopted :—

"That the second foot-note in page 31 of the University Calendar for 1893, specifying the extent of the work in Geometrical Conics for the F. A. examination be omitted."

Babu Umeschandra Datta seconded the motion, which was carried unanimously.

428. The following extract from the Proceedings of the Board of Studies in Mathematics dated the 20th November, having been circulated among the members of the Faculty, was taken as read :—

Extract from the Proceedings of the Board of Studies in Mathematics, dated the 20th November, 1894.

"Read the following report :—

We, the undersigned members of the Committee appointed by the Board of Studies in Mathematics on the 9th August, 1893, have the honour to submit our report.

With reference to the resolution of the Board "that candidates for the M. A. examination in Mathematics be allowed to select alternatively one of the following groups of subjects :—

(*a.*) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(*b.*) Mixed Mathematics as principal subject with Pure Mathematics as subsidiary subject."

We recommend—

(i.) That for paragraph 8 of the M. A. Regulations (Calendar for 1893, p. 44,) the following be substituted :—

"Candidates in Mathematics shall be allowed to select alternatively one of the following groups of subjects :—

(A.) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(B.) Mixed Mathematics as principal subject with Pure Mathematics as subsidiary subject.

Candidates who select group (A), shall be examined in the following subjects :—

1 Algebra.
2 Trigonometry, Plane and Spherical
3 Theory of Equations.
4 Analytical Plane Geometry, including the Higher Plane Curves.
5 Analytical Solid Geometry.
6 Differential Calculus.
7 Integral Calculus, including the elements of the Calculus of Variations.
8 Differential Equations.
9 Analytical Statics.
10 Dynamics of a Particle.
11 Hydrostatics and Elementary Hydrokinetics.
12 Newton's Principia, Sections I, II, III.

Candidates who select group (B), shall be examined in the following subjects :—

1 Analytical Plane Geometry.
2 Analytical Solid Geometry.
3 Differential Calculus.
4 Integral Calculus, including the elements of the Calculus of Variations.
5 Analytical Statics.
6 Dynamics of a Particle.
7 Rigid Dynamics.

8 Hydro-mechanics, including the elements of the Theory of Sound.
9 Astronomy, with such portions of Optics and Spherical Trigonometry as are necessary for Astronomy.
10 Newton's Principia, Sections I, II, III, IX, XI.

(ii.) That the following text-books be prescribed for candidates who take up group (A) :—

Chrystal	...	Algebra, Part II, Chaps. XXIII—XXVIII, XXXII, XXXV.
Hobson	...	Plane Trigonometry.
Casey	...	Spherical Trigonometry.
Burnside and Panton	...	Theory of Equations (3rd Edition.)
Salmon	...	Conic Sections.
Salmon	...	Higher Plane Curves, Chaps. I—V, omitting Section V.
Salmon	...	Solid Geometry, the Course selected by Dr. Salmon for Junior Readers.
Williamson	...	Differential Calculus (7th Edition.)
Williamson	...	Integral Calculus (6th Edition.)
Johnson	...	Differential Equations.
Todhunter	...	Analytical Statics, Ed. Everett.
Williamson and Tarleton		Dynamics (2nd Edition), Chaps. I—VIII.
Minchin	...	Hydrostatics and Elementary Hydrokinetics, omitting Chap. VIII.
Newton	...	Principia, Sections I, II, III.

(iii). That the following text-books be prescribed for candidates who take up group (B) :—

Salmon	...	Conic Sections, Chaps. I—XIII.
Smith	...	Solid Geometry, omitting Chaps. VII and IX.
Willamson	...	Differential Calculus (7th Edition.)
Williamson	...	Integral Calculus (6th Edition), omitting Chap. XII.
Minchin	...	Statics (4th Edition), omitting Chap. XIV.
Williamson and Tarleton		Dynamics (2nd Editon), omitting Chap. XIV.
Beasant	...	Hydro-mechanics, Part I (Hydrostatics.)
Basset	...	Elementary Treatise on Hydrodynamics and Sound.
Godfray	...	Astronomy (with so much of Casey's Spherical Trigonometry and Heath's Elementary Treatise on Optics as may be necessary).
Newton	...	Principia, Sections I, II, III, IX, XI.

(iv.) That the following paragraph be added to clause 3 of the rules for the M. A. examination in the "Rules for Examinations" (Calendar for 1893, page 129) :—

"The papers in Mathematics (paragraph 8 of the M. A. Regulations) shall be distributed as follows :—

GROUP A.

First Paper	... Subjects 1, 2.
Second Paper	... Subjects 3, 4, omitting the Higher Plane Curves.
Third Paper	... Subjects 6, 7, 8.
Fourth Paper	... Higher Plane Curves and Subject 5.
Fifth Paper	... Subjects 9, 10.
Sixth Paper	... Subjects 11, 12.

GROUP B.

First Paper	... Subjects 1, 2.
Second Paper	... Subjects 3, 4.
Third Paper	... Subject 5.
Fourth Paper	... Subjects 6, 7.
Fifth Paper	... Subject 8.
Sixth Paper	... Subjects 9, 10."

* * * * * *

(Sd.) W. GRIFFITHS.
" W. BOOTH.
" ASUTOSH MUKHOPADHYAY.
" C. LITTLE.
" J. H. GILLILAND.

RESOLVED—

That the Board recommend to the Syndicate—

(i.) That for paragraph 8 of the M. A. Regulations (Calendar for 1893, page 44,) the following be substituted :—

"Candidates in Mathematics shall be allowed to select alternatively one of the following groups of subjects :—

(A.) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(B.) Mixed Mathematics as principal subject with Pure Mathematics as subsidiary subject.

Candidates who select group (A), shall be examined in the following subjects :—

1 Algebra.
2 Trigonometry, Plane and Spherical.
3 Theory of Equations.
4 Analytical Plane Geometry, including the Higher Plane Curves.
5 Analytical Solid Geometry.

6 Differential Calculus.
7 Integral Calculus, including the elements of the Calculus of Variations.
8 Differential Equations.
9 Analytical Statics.
10 Dynamics of a Particle.
11 Hydrostatics and Elementary Hydrokinetics.
12 Newton's Principia, Sections I, II, III.
13 Astronomy.

Candidates who select group (B), shall be examined in the following subjects :—

1 Analytical Plane Geometry.
2 Analytical Solid Geometry.
3 Differential Calculus.
4 Integral Calculus, including the elements of the Calculus of Variations
5 Analytical Statics.
6 Dynamics of a Particle.
7 Rigid Dynamics.
8 Hydro-mechanics, including the elements of the Theory of Sound.
9 Astronomy.
10 Newton's Principia, Sections I, II, III, IX, XI.

Candidates shall be required to possess a knowledge of so much of the Theory of Equations, Differential Equations, Spherical Trigonometry and Geometrical Optics as is necessary to understand the subjects in Group (B).

(ii.) That the following text-books be prescribed for candidates who take up group (A):—

Chrystal	...	Algebra, Part II, Chaps. XXIII—XXVIII, XXXII, XXXV.
Hobson	...	Plane Trigonometry.
Casey	...	Spherical Trigonometry.
Burnside and Panton	...	Theory of Equations (3rd Edition.)
Salmon	...	Conic Sections.
Salmon	...	Higher Plane Curves, Chaps. I—V, omitting Section V.
Salmon	...	Geometry of Three Dimensions, the Course selected by Dr. Salmon for Junior Readers.
Williamson	...	Differential Calculus (7th Edition.)
Williamson	...	Integral Calculus (6th Edition.)
Johnson	...	Differential Equations.
Todhunter	...	Analytical Statics, Ed. Everett.
Williamson and Tarleton		Dynamics (2nd Edition), Chaps. I—VIII.

Minchin	...	Hydrostatics and Elementary Hydrokinetics, omitting Chap. VIII.
Newton	...	Principia, Sections I, II, III.
Godfray	...	Astronomy.

(iii.) That the following text-books be prescribed for candidates who take up group (B):—

Salmon	...	Conic Sections, Chaps. I—XIII.
Smith	...	Solid Geometry, omitting Chaps. VII and IX.
Williamson	...	Differential Calculus (7th Edition.)
Williamson	...	Integral Calculus (6th Edition), omitting Chap. XII.
Minchin	...	Statics (4th Edition), omitting Chap. XIV.
Williamson and Tarleton		Dynamics (2nd Edition), omitting Chap. XIV.
Besant	...	Hydro-mechanics, Part I (Hydrostatics.)
Basset	...	Elementary Treatise on Hydrodynamics and Sound.
Godfray	...	Astronomy.
Newton	...	Principia, Sections I, II, III, IX, XI.

(iv.) That the following paragraph be added to clause 3 of the rules for the M. A. examination in the "Rules for the examinations" (Calendar for 1893, page 129):—

(*c.*) The papers in Mathematics (paragraph 8 of the M. A. Regulations) shall be distributed as follows:—

GROUP A.

First Paper	...	Subjects 1, 2.
Second Paper	...	Subjects 3, 4, omitting the Higher Plane Curves.
Third Paper	...	Subjects 6, 7, 8.
Fourth Paper	...	Higher Plane Curves and Subject 5.
Fifth Paper	...	Subjects 9, 10.
Sixth Paper	...	Subjects 11, 12, 13.

GROUP B.

First Paper	...	Subjects 1, 2.
Second Paper	...	Subjects 3, 4.
Third Paper	...	Subject 5.
Fourth Paper	...	Subjects 6, 7.
Fifth Paper	...	Subject 8.
Sixth Paper	...	Subjects 9, 10."

The Hon'ble Mr. Justice Gooroo Dass Banerjee moved that the following recommendation of the Board of Studies in Mathematics be adopted :—

That for paragraph 8 of the M. A. Regulations (Calendar for 1893, p. 44,) the following be substituted :—

"Candidates in Mathematics shall be allowed to select alternatively one of the following groups of subjects :—

(A.) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(B.) Mixed Mathematics as principal subject with Pure Mathematics as subsidiary subject.

Candidates who select group (A), shall be examined in the following subjects :—

1. Algebra.
2. Trigonometry, Plane and Spherical.
3. Theory of Equations.
4. Analytical Plane Geometry, including the Higher Plane Curves.
5. Analytical Solid Geometry.
6. Differential Calculus
7. Integral Calculus, including the elements of the Calculas of Variations.
8. Differential Equations.
9. Analytical Statics.
10. Dynamics of a Particle.
11. Hydrostatics and Elementary Hydrokinetics.
12. Newton's Principia, Sections I, II, III.
13. Astronomy.

Candidates who select group (B), shall be examined in the following subjects :—

1. Analytical Plane Geometry.
2. Analytical Solid Geometry.
3 Differential Calculus.
4. Integral Calculus, including the elements of the Calculus of Variations.
5. Analytical Statics.
6. Dynamics of a Particle.
7. Rigid Dynamics.
8. Hydro-mechanics, including the elements of the Theory of Sound.
9. Astronomy.
10. Newton's Principia, Section I, II, III, IX, XI.

Candidates shall be required to possess a knowledge of so much of the Theory of Equations, Differential Equations, Spherical Trigonometry and Geometrical Optics, as is necessary to understand the subjects in group (B).

The Rev. Father E. Lafont seconded the motion.

Babu Gaurisankar De, the Rev. Mr. Ashton, Babu Narendralal De, and Babu Ramendrasundar Tribedi opposed the motion.

Mr. C. R. Wilson, Babu Mahendranath Ray and Dr. Asutosh Mukhopadhyay supported it.

The motion was then put to the meeting and was carried, 16 voting for and 5 against it.

The meeting was then adjourned *sine die*.

W. GRIFFITHS,
Registrar.

(Confirmed).
MAHENDRALAL SIRCAR,
President.

MINUTES

OF

THE FACULTY OF LAW

FOR THE YEAR 1893-94.

No. 5.

THE 19TH MARCH, 1894.

Present:

THE HON'BLE DR. RASHBEHARY GHOSE, *President, in the Chair.*

BABU KALICHARAN BANERJEE, M.A., B.L.
A. F. M. ABDUR RAHMAN, ESQ.
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
BABU UPENDRANATH MITRA, M.A., B.L.
MAULAVI SHAMS-UL-HUDA, M.A., B.L.

429. The Faculty met to elect a President and two representatives in the Syndicate for the year 1894-95.

RESOLVED—

(*i.*) That the Hon'ble Dr. Rashbehary Ghose be elected President of the Faculty for the year 1894-95.

(*ii.*) That the Hon'ble Dr. Rashbehary Ghose and Maulavi Muhammed Yusoof, Khan Bahadur, be elected representatives of the Faculty in the Syndicate for the year 1894-95.

430.

RESOLVED also—

That the following gentlemen be appointed a Committee to revise the text-books, and if desirable, the course of study in Law for the examinations in 1896 :—

The Hon'ble Dr. Rashbehary Ghose.
Babu Kalicharan Banerjee, M.A., B.L.
Babu Golapchandra Sarkar, M.A., B.L.
A. F. M. Abdur Rahman, Esq.
Dr. Asutosh Mukhopadhayay F.R.A.S., F.R.S.E.

(Confirmed).

RASHBEHARY GHOSE, *President.*

W. GRIFFITHS, *Registrar.*

MINUTES

OF

THE FACULTY OF MEDICINE

FOR THE YEAR 1893-94.

No. 2.

THE 22ND MARCH, 1894.

Present:

SURGEON LIEUT.-COL. J. F. P. MCCONNELL, M D., F.R.C.P.,
President, in the Chair.

BABU JAGADBANDHU BASU, M.D.
RAI LALMADHAB MUKERJI, BAHADUR, L.M.S.
BABU DEBENDRANATH RAY, L.M S.
MAULAVI ZAHIRUDDIN AHMED, L.M.S.
BABU KAILASCHANDRA BASU, L.M S.
BABU NILRATAN SARKAR, M.A ; M.D.

431. The Faculty met to elect a President and two representatives in the Syndicate for 1894-95.

RESOLVED—

(*i*). That Surgeon Lieut.-Col. J. O'Brien, M.A., M.D., C.M., F.R.C.S.E., be elected President of the Faculty for the year 1894-95.

(*ii*). That Surgeon Lieut.-Col. J. O'Brien, M.A., M.D., C.M., F.R.C.S.E. and Babu Debendranath Ray, L.M.S., be elected representatives of the Faculty in the Syndicate for the year 1894-95.

(Confirmed).

W. GRIFFITHS,
Registrar.

J. F. P McCONNELL, M.D.,
President.

MINUTES
OF
THE FACULTY OF ARTS
FOR THE YEAR 1893-94.

No. 4.

THE 31ST MARCH, 1894.

Present:

DR MAHENDRALAL SIRCAR, C.I.E., *President, in the Chair.*

BABU KRISHNAKAMAL BHATTACHARYYA, B.L.
BABU KALICHARAN BANERJEE, M.A., B.L.
P. K. RAY, ESQ., D.Sc
W. GRIFFITHS, ESQ., M.A.
THE HON'BLE MR. JUSTICE GOOROODASS BANERJEE, M.A. D.L.
BABU KRISHNABIHARI SEN, M.A.
REV. K. S. MACDONALD, M.A., D.D
BABU GAURISANKAR DE, M.A., B.L.
REV. J. HECTOR, M.A.
BABU SARADACHARAN MITRA, M.A., B.L.
BABU UMESCHANDRA DATTA, B.A
DR ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
REV H WHITEHEAD, M.A
REV J. MORRISON, M.A., B.D.
BABU MAHENDRANATH RAY, M.A., B.L
REV. A. P. BEGG, B.A
C. R WILSON, ESQ., M.A.
BABU NARENDRALAL DE, M.A., B.L.
THE VERY REV VINCENT NAISH, S.J.

432 The following extracts from the Proceedings of the Board of Studies in Mental and Moral Science, dated the 7th and the 12th August, 1893, having been circulated among the members of the Faculty, were taken as read :—

Extract from the Proceedings of the Board of Studies in Mental and Moral Science, dated the 7th August, 1893.

"Read the following report of the Committee appointed by the Board at their meeting held on the 29th July, 1892, to revise the course in Mental and Moral Science :—

To

THE REGISTRAR, UNIVERSITY OF CALCUTTA.

SIR,

WE, a Committee appointed by the Board of Studies in Mental and Moral Sciences to revise the course in Mental and Moral Science, have the honour to make the following recommendations :—

1. That the subject of Logic in the First Examination in Arts be defined as in the syllabus provided in Appendix A.

2. That the subjects of Psychology, Ethics, Logic, Natural Theology, and History of Philosophy in the B. A. examination, be defined as in the syllabuses provided in Appendix B.

3. That in the B. A. examination the subject of Logic be made compulsory and the papers in Psychology and Ethics modified as follows :—One paper in Psychology (of Cognition) and Logic and one paper in Psychology (of Feeling and the Will) and Ethics. This recommendation, to have effect, will involve an amendment of the Regulations.

As regards the M. A., examination, our recommendations will be embodied in a later report.

We have the honour to be,
SIR,
Your most obedient Servants,
KALICHARAN BANURJI.
P. K.. RAY.
A. PATON BEGG.

1st August, 1893.

APPENDIX A.

First Examination in Arts : Logic—Deductive Logic.

Definition of Logic. Relation of Logic to other Sciences. Logic, Formal and Material, Inductive and Deductive. Fundamental Principles of Deductive Logic.

Names and their Import. Terms and their various divisions. Denotation and Connotation of Terms. Opposition of Terms. Division and Definition.

Propositions, their Import and their various Divisions. Opposition of Propositions. Distribution of Terms. Predicables.

Inference, Immediate and Mediate, Inductive and Deductive.

Different Forms of Immediate Inference. Syllogism, its Canons, its Rules, its Figures and Moods; Reduction; various kinds of Syllogism. Trains of Reasoning. Fallacies.

APPENDIX B.

B. A. Examination :—Mental and Moral Science.

Psychology—

Philosophy and Psychology. Scope and Method of Psychology. Relation of Psychology to Metaphysics and Physiology.

Mind, Consciousness, Self-consciousness. Analysis and Classification of Mental Processes and Products. Development of Mental Life. Laws of Mind.

Psychology of Cognition. Perception and Sensation. The Senses and the Nervous System. Localisation of Sensation. Primary and Secondary Qualities of Body. Object of Perception. Perceptions of the different Senses. Acquired Perceptions. Imagination, Expectation, Memory. Thinking, Conception, Judgment, Reasoning, Generalisation. Belief and Knowledge. Experience and Reason. Self, External World. Time, Space, Substance, Cause, Power.

Psychology of Feeling. Sense-feelings, Motions and Sentiments. Pleasure and Pain.

Psychology of the Will Attention and Volition. Appetite and Desire. Instinct and Habit. Voluntary Action Conflict of Motives, Deliberation, Choice. Freedom of the Will.

Ethics—

Scope and method of Ethics. Relation of Ethics to Metaphysics, Psychology, Sociology, and Politics.

Analysis of the Moral Consciousness, Moral Sentiment, Moral Judgment, the Moral Faculty, Springs of Action and their Mutual Relation.

The good or ultimate end of Action. Moral Obligation. Standards of Right and Wrong. Sanctions of Morality The Individual and Society. Duties and Virtues.

Logic—

Definition and Province of Logic. Relation of Logic to Metaphysics, and the Special Sciences. Thought, Knowledge, Truth, Science. Immediate and Mediate Knowledge. Intuitive and Inferential Truths.

Observation and Experiment. Analysis and Synthesis. Classification and Definition Hypothesis and Explanation. Induction, Analogy, and Probability. The Ground of Induction. Experimental Methods. Deductive Method. Relation of Induction to Deduction Demonstration, Syllogism, Functions of Syllogism.

Natural Theology—

Theology and Religion, Natural and Revealed. Relation of Religion to Metaphysics and Ethics.

Analysis of the Religious consciousness: the Religious Sentiment, the Religous Faculty, the Sense of Dependence, the Idea of the Infinite, the Causal Belief, the Sense of Duty, the Belief and Worship of God, the Belief in a Future Life.

God, Man, and Nature. The Existence and Attributes of God. The Relation of God to Nature and Man. Theory of the Universe. Theism, Pantheism, Agnosticism, Materialism, Panphenomenalism, Optimism, Pessimism, Teleology, Evolution. Necessity and Freedom. Immortality of the Soul

History of Philosophy—

General knowledge of the Systems of Bacon, Descartes, Spinoza, Locke, Berkeley, Hume, Reid, Leibnitz, Kant, Cousin, Hamilton, and Mill—and special study of subjects to be selected from year to year.

RESOLVED—

That the Board recommend to the Syndicate—

(*i.*) That each of the subjects in Mental and Moral Science be defined by a syllabus.

(*ii.*) That in the Regulations for the First Examination in Arts (page 33 of the University Calendar for 1893) the subject of Deductive Logic be defined as follows :—

LOGIC—DEDUCTIVE LOGIC.

Definition of Logic. Relation of Logic to other Sciences. Logic Formal and Material, Inductive and Deductive. Fundamental Principles of Deductive Logic.

Names and their Import. Terms and their various Divisions. Denotation and Connotation of Terms. Opposition of Terms Division and Definition.

Propositions, their Import and their various Divisions Opposition of Propositions Distribution of Terms Predicables.

Inference, Immediate and Mediate. Inductive and Deductive.

Different Forms of Immediate Inference. Syllogism, its Canons, its Rules, its Figures and Moods; Reduction; various kinds of Syllogisms and and their Rules. Trains of Reasoning. Fallacies.

(*iii.*) That in the Regulations for the B. A. examination (page 35 of the University Calendar for 1893) for—

"II. Mental and Moral Science, *i.e.*, Psychology including the Psychology of Ethics and the History of Moral Systems.	II. In addition to the Pass Course, the History of Modern European Philosophy and either— (*a*) Pure Logic. (*b*) Natural Theology."

the following be substituted :—

"II. Mental and Moral Science, as defined below.	II. In addition to the Pass Course, the History of Philosophy and Natural Theology, as defined below."

(*iv.*) That in the Regulations for the B. A. examination (page 36 of the University Calendar for 1893) under the heading "Definition of subjects," the following be inserted :—

* MENTAL AND MORAL SCIENCE.

The pass subjects shall include :—

(*a.*) *Psychology*—

Philosophy and Psychology. Scope and Method of Psychology. Relation of Psychology to Metaphysics and Physiology.

Mind, Consciousness, Self-consciousness. Analysis and Classification of Mental Processes and Products. Development of Mental Life. Laws of Mind.

Psychology of Cognition. Perception and Sensation. The Senses and the Nervous System. Localisation of Sensation. Primary and Secondary Qualities of Body. Object of Perception. Perceptions of the different Senses. Acquired Perceptions. Imagination, Expectation, Memory. Thinking, Conception, Judgment, Reasoning, Generalisation. Belief and Knowledge. Experience and Reason. Self, External World. Time, Space, Substance, Cause, Power.

Psychology of Feeling. Sense-feelings, Emotions and Sentiments. Pleasure and Pain.

Psychology of the Will. Attention and Volition. Appetite and Desire. Instinct and Habit. Voluntary Action. Conflict of Motives, Deliberation, Choice. Freedom of the Will.

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* The questions in Mental and Moral Science will have no special reference to the writings of any one author or school of authors. In matters of opinion, answers will be judged according to their accuracy of thought and expression. The Honour papers in the subjects of the Pass Course shall consist of more advanced questions than the Pass papers.

(*b.*) *Logic*—

Definition and Province of Logic. Relation of Logic to Metaphysics and the Special Sciences. Thought, Knowledge, Truth, Science. Immediate and Mediate Knowledge. Intuitive and Inferential Truths.

Observation and Experiment. Analysis and Synthesis. Classification and Definition. Hypothesis and Explanation. Induction, Analogy, and Probability. The Ground of Induction. Experimental Methods. Deductive Method. Relation of Induction to Deduction. Demonstration, Syllogism, Functions of Syllogism.

(*c.*) *Ethics*—

Scope and method of Ethics. Relation of Ethics to Metaphysics, Psychology, Sociology and Politics.

Analysis of the Moral Consciousness, Moral Sentiment, Moral Judgment, the Moral Faculty, Springs of Action and their Mutual Relation.

The good or ultimate end of Action. Moral obligation. Standards of Right and Wrong. Sanctions of Morality. The Individual and Society. Duties and Virtues.

The honour subjects shall include :—

(*a.*) *History of Philosophy*—

General knowledge of the Systems of Bacon, Descartes, Spinoza, Locke, Berkeley, Hume, Reid, Leibnitz, Kant, Cousin, Hamilton, and Mill : and special study of subjects to be selected from year to year.

(*b.*) *Natural Theology*—

Theology and Religion, Natural and Revealed. Relation of Religion to Metaphysics and Ethics.

Analysis of the Religious Consciousness : the Religious Sentiment, the Religious Faculty, the Sense of Dependence, the Idea of the Infinite, the Causal Belief, the Sense of Duty, the Belief and Worship of God, the Belief in a Future Life.

God, Man, and Nature. The Existence and Attributes of God. The Relation of God to Nature and Man. Theory of the Universe Theism, Pantheism, Agnosticism, Materialism, Panphenomenalism, Optimism, Pessimism, Teleology, Evolution. Necessity and Freedom. Immortality of the Soul.

The Board resolved to recommend to the Syndicate—

(*i.*) That no text-books be prescribed in Logic for the F. A. examination and in Mental and Moral Science for the B. A. examination.

(*ii.*) That the special subject in History of Philosophy for the B. A. Honour examination of 1896 be—

Berkeley	...	...	Selection from, by A. C. Fraser, 4th Edition (Clarendon Press Series.)

The Board also resolved to recommend to the Syndicate that in the Rules for the B. A. examination (page 127 of the University Calendar for 1893), for—

"II. Philosophy	... 1st Pass paper	... Psychology.
,,	... 2nd ditto	... Ethics.
,,	... 1st Honour paper	... Psychology.
,,	... 2nd ditto	... Ethics.
,,	... 3rd Honour paper	... History of Philosophy.
,,	... 4th ditto	... Natural Theology of Pure Logic.

the following be substituted :—

II. Philosophy	... 1st Pass paper	... Logic and Psychology (exclusive of Psychology of the Feeling and the Will).
,,	... 2nd Ditto	... Ethics and Psychology (of the Feeling and the Will).
,,	... 1st Honour paper	... Logic and Psychology of Cognition.
,,	... 2nd Ditto	... Ethics and Psychology (of the Feeling and the Will).
,,	... 3rd Ditto	... History of Philosophy.
,,	... 4th Ditto	... Natural Theology."

Extract from the Proceedings of the Board of Studies in Mental and Moral Science, dated the 12th August, 1893.

"The Board resolved to recommend to the Syndicate—

(*i.*) That in the Regulations for the examination for the Degree of M. A. (page 44 of the University Calendar for 1893), the following be substituted for paragraph 7 :—

The examination in Mental and Moral Philosophy shall include Psychology, Logic, Ethics and Natural Theology as in the B. A. Honour examination, but more fully developed, together with Politics and History of Indian and European Philosophy (both General and Special), the subjects in Politics and History of Philosophy (Special) to be selected from year to year.

(*ii.*) That no text-books be prescribed in Psychology, Logic, Ethics, Natural Theology and History of European Philosophy (General) for the M. A. examination.

(*iii.*) That the subjects in Politics, History of Indian Philosophy and History of Philosophy (Special) for the examination of 1895, be as follows :—

Aristotle	... Politics (English translation by Jowett or Welldon).

(*a.*) The *Nyaya* system, (*b*) the *Charvaka* system, (*c*) the *Snakhya* system, as in the *Sarva Darsana Sangraha*. (English translation by Cowell and Gough).

Aristotle	... .	The Nicomachean Ethics (English translation by Williams or Welldon.)
Kant	... ...	Critical examination of Practical Reason (pp. 85-262 in Kant's Theory of Ethics by T. K. Abbott, London, 1883.)

RESOLVED also—

That the Board recommend to the Syndicate that in the Rules for the M. A. examination (page 129 of the University Calendar for 1893) the following be inserted :—

The papers in Mental and Moral Philosophy shall be headed and distributed as follows :—

First Paper	... Psychology.
Second Paper	... Logic.
Third Paper	... Ethics and Politics.
Fourth Paper	... Natural Theology.
Fifth Paper	... History of Philosophy (General).
Sixth Paper	... History of Philosophy (Special) and Essay (50 marks to be allotted to the Essay)."

Babu Kalicharan Banerjee moved—

That in the Regulations for the First Examination in Arts (page 33 of the University Calendar for 1893), the subject of Deductive Logic be defined as in the following Syllabus, and that books be recommended with reference to this Syllabus :—

LOGIC—DEDUCTIVE LOGIC.

Definition of Logic. Relation of Logic to other Sciences. Logic, Formal and Material, Inductive and Deductive. Fundamental Principles of Deductive Logic.

Names and their Import. Terms and their various Divisions. Denotation and Connotation of Terms. Opposition of Terms. Division and Definition.

Propositions, their Import and their various Divisions. Opposition of Propositions. Distribution of Terms. Predicables.

Inference, Immediate and Mediate, Inductive and Deductive.

Different Forms of Immediate Inference. Syllogism, its Canons, its Rules, its Figures and Moods ; Reduction ; various kinds of Syllogism and their Rules. Trains of Reasoning. Fallacies.

The motion, which was seconded by Dr. Asutosh Mukhopadhyay, was carried.

Babu Kalicharan Banerjee moved that the subject of Logic be made compulsory in the A Course for the B. A. examination.

The Rev. Dr. K. S. Macdonald seconded the motion.

Babu Krishnabihari Sen, the Hon'ble Mr. Justice Gooroodass Banerjee and Babu Narendralal De spoke against the motion.

Dr. P. K. Ray, Babu Umeschandra Datta, Mr. A. P. Begg and Mr. C. R. Wilson supported it.

Babu Saradacharan Mitra proposed as an amendment that the subject of Logic be excluded from the Pass Course.

Babu Krishnabihari Sen seconded the amendment, which being put to the meeting, was lost.

The original motion was then put to the vote and carried.

Babu Kalicharan Banerjee moved —

That in the Regulations for the B. A. examination (page 35 of the University Calendar for 1893) for—

"II. Mental and Moral Science, *i.e.*, Psychology, including the Psychology of Ethics and the History of Moral Systems	II. In addition to the Pass Course, the History of Modern European Philosophy and either (*a*) Pure Logic, or (*b*) Natural Theology."

the following be substituted :—

"II. Mental and Moral Science, as defined below,	II In addition to the Pass Course, the History of Philosophy and Natural Theology, as defined below."

Dr. Asutosh Mukhopadhyay seconded the motion, which was carried.

Babu Kalicharan Banerjee moved—

That in the Regulations for the B. A. examination (page 36 of the University Calendar for 1893) under the heading "Definitions of subjects" the following be inserted :—

* MENTAL AND MORAL SCIENCE.

The Pass Subjects shall include—

(*a*). *Psychology*—

Philosophy and Psychology. Scope and Method of Psychology Relation of Psychology to Metaphysics and Physiology.

Mind, Consciousness, Self-consciousness Analysis and Classification of Mental Processes and Products. Development of Mental Life. Laws of Mind.

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* The questions in Mental and Moral Science will have no special reference to the writings of any one author or school of authors In matters of opinion answers will be judged according to their accuracy of thought and expression. The Honour papers in the subjects of the Pass Course shall consist of more advanced questions than Pass papers.

Psychology of Cognition. Perception and Sensation The Senses and the Nervous System. Localisation of Sensation. Primary and Secondary Qualities of Body. Object of Perception Perception of the different Senses. Acquired perceptions. Imagination, Expectation, Memory Thinking, Conception, Judgment, Reasoning, Generalisation. Belief and Knowledge. Experience and Reason. Self, External World. Time, Space, Substance, Cause, Power.

Psychology of Feeling. Sense-feelings, Emotions and Sentiments. Pleasure and Pain.

Psychology of the Will. Attention and Volition. Appetite and Desire. Instinct and Habit. Voluntary Action. Conflict of Motives, Deliberation, Choice. Freedom of the Will.

(*b*). *Logic*—

Definition and Province of Logic. Relation of Logic to Metaphysics and the Special Sciences. Thought, Knowledge, Truth, Science. Immediate and Mediate Knowledge. Intuitive and Inferential Truths.

Observation and Experiment. Analysis and Synthesis. Classification and Definition. Hypothesis and Explanation. Induction, Analogy, and Probability. The Ground of Induction. Experimental Methods. Deductive Method. Relation of Induction to Deduction. Demonstration, Syllogism, Functions of Syllogism.

(*c*). *Ethics*—

Scope and method of Ethics. Relation of Ethics to Metaphysics. Psychology, Sociology, and Politics

Analysis of the Moral Consciousness, Moral Sentiment, Moral Judgment, the Moral Faculty, Springs of Action and their Mutual Relation.

The good or ultimate end of Action. Moral obligation Standards of Right and Wrong. Sanctions of Morality. The Individual and Society. Duties and Virtues.

The Honour subjects shall include—

(*a*). *History of Philosophy*—

General knowledge of the Systems of Bacon, Descartes, Spinoza, Locke, Berkeley, Hume, Reid, Leibnitz, Kant, Cousin, Hamilton, and Mill: and special study of subjects to be selected from year to year.

(*b*). *Natural Theology*—

Theology and Religion, Natural and Revealed. Relation of Religion to Metaphysics and Ethics.

Analysis of the Religious Consciousness: the Religious Sentiment, the Religious Faculty, the Sense of Dependence, the Idea of the Infinite, the Causal Belief, the Sense of Duty, the Belief and Worship of God, the Belief in a Future Life.

God, Man, and Nature. The Existence and Attributes of God. The Relation of God to Nature and Man. Theory of the Universe. Theism, Pantheism, Agnosticism, Materialism, Panphenomenalism, Optimism, Pessimism, Teleology, Evolution. Necessity and Freedom. Immortality of the Soul.

and that books be recommended with reference to the above Syllabus.

The motion, on being seconded by Dr. Asutosh Mukhopadhyay, was put to the meeting and carried.

Babu Kalicharan Banerjee moved—

That in the Regulations for the examination for the degree of M. A. (page 44 of the University Calendar for 1893) the following be substituted for paragraph 7 :—

"The examination in Mental and Moral Philosophy shall include Psychology, Logic, Ethics and Natural Theology as in the B. A. Honour examination, but more fully developed, together with Politics and the History of Indian and European Philosophy (both General and Special), the subjects in Political Philosophy and History of Philosophy (special) to be selected from year to year."

and that books treating of these subjects be recommended.

Dr. Asutosh Mukhopadhyay seconded the motion.

Babu Krishnabihari Sen spoke against the motion and Mr. C. R. Wilson supported it.

The motion was then put to the vote and was carried.

The meeting was then adjourned *sine die.*

(Confirmed.) W. GRIFFITHS,
MAHENDRALAL SIRCAR, *Registrar.*
President.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1893-94.

No. 22.

THE 14TH APRIL, 1894.

Present:

SIR ALFRED CROFT, K.C.I.E., M.A., *Vice-Chancellor, in the Chair.*

BABU KALICHARAN BANERJI, M.A., B.L.
THE HON'BLE DR. RASHBEHARY GHOSE.
THE REV. K. S. MACDONALD, M.A., D.D.
MAULAVI MUHAMMUD YOOSUF, KHAN BAHADUR, B.L.
DR. ASUTOSH MUKHOPADHYAY, F.R.A.S., F.R.S.E.
SURG. LIEUT.-COLONEL J. F. P. MCCONNELL, M.D., F.R.C.P.

483. Read a letter from the President of the Faculty of Engineering, nominating Mr. J. S. Slater to act as the representative of the Faculty in the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

434. The Minutes of the Syndicate, dated the 10th March, were read and confirmed.

435. Read the Minutes of the Faculty of Engineering, dated the 9th March.

ORDERED—

To be recorded.

436. Read the Minutes of the Faculty of Arts, dated the 17th and the 31st March, respectively.

RESOLVED—

That the Syndicate recommend to the Senate—

(*i*). That the 2nd foot-note in page 31 of the University Calendar for 1894, specifying the extent of the work in Geometrical Conics for the F. A. examination, be omitted.

(*ii*). That for paragraph 8 of the M. A. Regulations (Calendar for 1894, page 44), the following be substituted :—

"Candidates in Mathematics shall be allowed to select alternatively one of the following groups of subjects :—

(A.) Pure Mathematics as principal subject with Mixed Mathematics as subsidiary subject.

(B.) Mixed Mathematics as principal subject with Pure Mathematics as subsidiary subject.

Candidates who select group (A), shall be examined in the following subjects :—

1 Algebra.
2 Trigonometry, Plane and Spherical.
3 Theory of Equations.
4 Analytical Plane Geometry, including the Higher Plane Curves.
5 Analytical Solid Geometry.
6 Differential Calculus.
7 Integral Calculus, including the elements of the Calculus of Variations.
8 Differential Equations.
9 Analytical Statics.
10 Dynamics of a Particle.
11 Hydrostatics and Elementary Hydrokinetics.
12 Newton's Principia, Sections I, II, III.
13 Astronomy.

Candidates who select group (B), shall be examined in the following subjects :—

1 Analytical Plane Geometry.
2 Analytical Solid Geometry.
3 Differential Calculus.
4 Integral Calculus, including the elements of the Calculus of Variations.
5 Analytical Statics.
6 Dynamics of a Particle.
7 Rigid Dynamics.
8 Hydro-mechanics, including the elements of the Theory of Sound.
9 Astronomy.
10 Newton's Principia, Sections I, II, III, IX, XI.

Candidates shall be required to possess a knowledge of so much of the Theory of Equations, Differential Equations, Spherical Trigonometry and Geometrical Optics as is necessary to understand the subjects in group (B).

(*iii.*) That in the Regulations for the First Examination in Arts (page 33 of the University Calendar for 1894), the subject of Deductive Logic be defined as in the following Syllabus :—

LOGIC—DEDUCTIVE LOGIC.

Definition of Logic. Relation of Logic to other Sciences. Logic, Formal and Material, Inductive and Deductive. Fundamental Principles of Deductive Logic.

Names and their Import. Terms and their various divisions. Denotation and Connotation of Terms. Opposition of Terms. Division and Definition.

Propositions, their Import and their various Divisions. Opposition of Propositions. Distribution of Terms. Predicables.

Inference, Immediate and Mediate, Inductive and Deductive.

Different Forms of Immediate Inference. Syllogism, its Canons, its Rules, its Figures and Moods ; Reduction ; various kinds of Syllogism and their Rules. Trains of Reasoning. Fallacies.

(*iv.*) That in the Regulations for the B. A. examination (page 35 of the University Calendar for 1894) for—

"II Mental and Moral Science, *i.e.*, Psychology, including the Psychology of Ethics and the History of Moral Systems.	II. In addition to the pass Course, the History of Modern European Philosophy and either— (*a*) Pure Logic, or (*b*) Natural Theology."

the following be substituted :—

"II. Mental and Moral Science, as defined below.	II. In addition to the Pass Course, the History of Philosophy and Natural Theology as defined below."

(*v.*) That in the Regulations for the B. A. examination (page 36 of the University Calendar for 1894) under the heading "Definition of subjects," the following be inserted :—

* MENTAL AND MORAL SCIENCE.

The Pass Subjects shall include—

(*a.*) *Psychology.*—

Philosophy and Psychology. Scope and Method of Psychology. Relation of Psychology to Metaphysics and Physiology.

---

* The questions in Mental and Moral Science will have no special reference to the writings of any one author or school of authors. In matters of opinion answers will be judged according to their accuracy of thought and expression. The Honour papers in the subjects of the Pass Course shall consist of more advanced questions than the Pass papers.

Mind, Consciousness, Self-consciousness. Analysis and Classification of Mental Processes and Products. Development of Mental Life. Laws of Mind.

Psychology of Cognition. Perception and Sensation. The Senses and the Nervous System. Localisation of Sensation. Primary and Secondary Qualities of Body. Object of Perception. Perceptions of the different Senses. Acquired Perceptions. Imagination, Expectation, Memory. Thinking, Conception, Judgment, Reasoning, Generalisation. Belief and Knowledge. Experience and Reason. Self, External World. Time, Space, Substance, Cause, Power

Psychology of Feeling. Sense-feelings, Emotions and Sentiments Pleasure and Pain.

Psychology of the Will. Attention and Volition. Appetite and Desire. Instinct and Habit. Voluntary Action. Conflict of Motives, Deliberation, Choice. Freedom of the Will.

(*b*). *Logic*—

Definition and Province of Logic. Relation of Logic to Metaphysics and the Special Sciences. Thought, Knowledge, Truth, Science Immediate and Mediate Knowledge. Intuitive and Inferential Truth

Observation and Experiment. Analysis and Synthesis. Classification and Definition. Hypothesis and Explanation. Induction, Analogy, and Probability. The Ground of Induction, Experimental Methods. Deductive Method. Relation of Induction to Deduction. Demonstration, Syllogism, Functions of Syllogism.

(*c*). *Ethics*—

Scope and method of Ethics. Relation of Ethics to Metaphysics, Psychology, Sociology, and Politics.

Analysis of the Moral Conciousness, Moral Sentiment, Moral Judgment, the Moral Faculty, Springs of Action and their Mutual Relation.

The good or ultimate end of Action. Moral Obligation. Standards of Right and Wrong. Sanctions of Morality. The Individual and Society. Duties and Virtues.

The Honour subjects shall include—

(*a*) *History of Philosophy*—

General knowledge of the Systems of Bacon, Descartes, Spinoza, Locke, Berkeley, Hume, Reid, Leibnitz, Kant, Cousin, Hamilton, and Mill: and special study of subjects to be selected from year to year.

(*b*) *Natural Theology*—

Theology and Religion, Natural and Revealed. Relation of Religion to Metaphysics and Ethics.

Analysis of the Religious Conciousness: the Religious Sentiment, the Religious Faculty, the Sense of Dependence, the Idea of the Infinite, the Causal Belief, the Sense of Duty, the Belief and Worship of God, the Belief in a Future Life.

God, Man, and Nature. The Existence and Attributes of God. The Relation of God to Nature and Man. Theory of the Universe. Theism, Pantheism, Agnosticism, Materialism, Panphenomenalism, Optimism, Pessimism, Teleology, Evolution. Necessity and Freedom. Immortality of the Soul.

(*vi*). That in the Regulations for the examination for the degree of M. A. (page 44 of the University Calendar for 1894), the following be substituted for paragraph 7 :—

"The examination in Mental and Moral Philosophy shall include Psychology, Logic, Ethics and Natural Theology as in the B. A. Honour examination, but more fully developed, together with Political Philosophy and the History of Indian and European Philosophy (both General and Special), the subjects in Political Philosophy and History of Philosophy (Special) to be selected from year to year."

437. Read the Minutes of the Faculty of Law, dated the 19th March.

ORDERED—

To be recorded.

438. Read the Minutes of the Faculty of Medicine dated the 22nd March

ORDERED—

To be recorded.

439. Read the following Proceedings of a meeting of the Board of Examiners for the B. L. examination of 1893, held on the 5th April, 1894 :—

THE 5TH APRIL, 1894.

Present :

THE HON'BLE DR RASHBEHARY GHOSE,
President, in the Chair.

G. S. HENDERSON, ESQ.
B. CHAKRAVARTI, ESQ.
DR. JOGENDRANATH BHATTACHARYYA.
BABU UPENDRANATH MITTER.

Read a letter from the Registrar, Calcutta University, No 4256, dated the 20th of March, 1894, forwarding by direction of the Vice-Chancellor and Syndicate for the information of the Board the following resolution of the Senate passed at their meeting held on the 24th February, 1894, and inviting the attention of the Board to the decision of the Senate therein contained

"That the Senate recommend that the Syndicate direct the Board of Examiners to Revise the Results of the last B. L. degree examination with reference to Rule 3 printed at page 130 of the Calendar for 1893."

RESOLVED—

That the Board regret that they do not see their way to revise the results of the last B. L. degree examination.

W GRIFFITHS,
Registrar.

(Confirmed).

RASHBEHARY GHOSE,
President

Read also the following letter from three of the Examiners in law with an appended note by the fourth Examiner :—

"To

THE REGISTRAR OF THE CALCUTTA UNIVERSITY.

SIR,

ALTHOUGH it is true that the letter dated the 8th of June, 1893, contained a copy of Rule 3 which is set out on page 130 of the Calendar of the University of Calcutta for the year 1893, we were given to understand that the standard for the B. L. examination was that 50 % of the total marks scored should enable a candidate to pass and ⅔ of such total marks scored should enable him to get a first class. On the basis of this understanding we set the examination papers and conducted the examination. The letter of the 11th December, 1893, did not, therefore, in any way influence us either one way or the other, and one of the examiners believes he did not in fact receive a copy of that letter. The practical result of giving effect to Rule 3 will consequently be to lower the standard which we had in view, and which had existed in all previous B. L. examinations. Had we realized that the standard had, although by mistake, been lowered for admission to the B. L. degree, we should probably have set harder papers and have been less liberal in allotting marks in the course of the examination of the papers sent up by the candidates. That being so, the only revision which under the circumstances we think reasonable would be to reduce the marks in the ratio of 4 to 3 that being the reduction in the standard.

If the intention of the resolution of the Senate, dated the 24th Feburary, 1894, is that we are merely to declare these 71 candidates as having passed on the strength of the marks they have already obtained, we regret we should have great difficulty in doing so. We are emphatically of opinion that these candidates are not worthy of being admitted to the B. L. degree and they ought not to be declared to have passed.

On the other hand, if the Senate be of opinion that these men ought to be passed because they have satisfied Rule 3, we may be permitted to point out that it appears to us that it is a matter of discretion entirely with the examiners as to who should be declared as passed, and that Rule 3 is only a suggestion by the Senate and not a direction to the examiners as to the standard. The act of incorporation of the University does not seem to us to authorise the Senate to make rules for the guidance of the examiners, but that is a matter more for that learned body to consider than for us. It is apparent that we could not pass these men without re-opening the whole question of the examination for last year; for men who have already been passed in the Second Division ought all to be passed in the First Division if Rule 3 applies. It is now, we believe, fully recognised that Rule 3 was retained in the Calendar by mistake, and that it was not intended by the Senate that the standard for 1893 should be lowered. The candidates in 1892 had passed by the higher standard, and now the Syndicate itself has taken steps to secure that in the future all candidates must again pass by the higher standard.

Lastly, as indicated above, we regret we do not see our way clear to pass these 71 candidates if it is open to us to exercise our own

discretion. If, however, we are only asked to say whether they have got over 33 per cent. in each paper and 300 on the aggregate, we have no hesitation in declaring that they have done so as appeared from the report which we originally made

Yours truly,
GILBERT S. HENDERSON.
B. CHAKRAVARTI.
JOGENDRANATH BHATTACHARYYA."

CALCUTTA ;
The 5th April, 1894.

"TO

THE REGISTRAR OF THE CALCUTTA UNIVERSITY.

I THINK we shall give sufficient effect to the Resolution of the Senate, if we declare, that in the B. L. examination of 1893, the 71 candidates whose names are given below, have, according to Rule 3 as published at page 130 of the Calendar for 1893, passed in the Second Division, and that they are entitled to the B. L. degree.

5th April, 1894. UPENDRANATH MITTER."

RESOLVED—

That all the above papers be placed before the Senate.

440. Read the following report of the Board of Examiners for the L. M. S. examinations :—

"FROM

THE BOARD OF EXAMINERS FOR THE
L. M. S. EXAMINATIONS,

TO

THE REGISTRAR, CALCUTTA UNIVERSITY,
The 10th April, 1894.

SIR,

WE have the honour to submit for the approval of the Vice-Chancellor and Syndicate the results of the L. M. S. examinations.

The number of candidates registered for the Preliminary Scientific L. M. S. examination was 87, of whom 55 passed and 32 failed.

The number of candidates registered for the First L. M. S. examination was 58, of whom 32 passed, 25 failed and one was absent.

The number of candidates registered for the Combined Preliminary Scientific and First L M. S. examination was 10, of whom two passed the Combined examination, six attained the standard of the Preliminary Scientific examination and two were absent.

The number of candidates registered for the Second L. M. S. examination was 15, of whom six passed and nine failed.

The examinations have been conducted in accordance with the instructions laid down for our guidance in our letter of appointment.

We have the honour, &c.

(Sd.) ALEX. PEDLER.
„ A. CROMBIE.
„ J. F. EVANS.
„ J. O'BRIEN.
„ C. R. M. Green.
„ CHUNILAL BOSE.
„ J. B GIBBONS.
„ G. BOMFORD.
„ ZAHIRUDDIN AHMAD.

(Sd.) J. F. P. McCONNELL, M.D.

President.

The Registrar reported that in anticipation of the orders of the Syndicate he had published the names of the successful candidates in the Gazette.

RESOLVED—

That the report be adopted and the action of the Registrar be approved.

The following are the names of the successful candidates :—

PRELIMINARY SCIENTIFIC L. M. S. EXAMINATION.

In alphabetical order.

Bandyopadhyay, Haripada	...	...	Medical College.
Basak, Sasibhusan	...	...	Ditto.
Basu, Kaliprasanna	...	...	Ditto.
„ Kartikchandra	...	...	Ditto.
„ Phakirchandra	...	...	Ditto.
„ Saratchandra	...	...	Ditto.
„ Satischandra	...	...	Ditto.
„ Shibchandra	...	...	Ditto.
Bhattacharyya, Basantakumar		...	Ditto.
„ Gauriprasad		...	Ditto.
„ Mrigendranath		...	Ditto.
Biswas, Abhaycharan	...	...	Ditto.
Chakrabarti, Bepinbihari	...	...	Ditto.
„ Pramathanath		...	Ditto.
Chandra, Lakshmichandra	...	...	Ditto.
Chattopadhyay, Bhupendranath		...	Ditto.
„ Krishnalal		...	Ditto.
Cohen, Rachel	...	...	Ditto.
Das, Bepinchandra	...	...	Ditto.
„ Pannalal	...	...	Ditto.
„ Satischandra	...	...	Ditto.

Datta, Rajanikanta	...	..	Medical College.
„ Saratchandra	...	...	Ditto.
„ Sureschandra	...	...	Ditto.
„ Tulsicharan	...	...	Ditto.
De, Goshthabihari	..	...	Ditto.
„ Pramathanath	...	...	Ditto.
Gangopadhyay, Jnanendranath		...	Ditto.
Ghosh, Kshiradchandra	...	...	Ditto.
„ Surendranath	...	...	Ditto.
Gupta, Saratchandra	...	...	Ditto.
Hajarika, Rupram	...	...	Ditto.
Hajra, Debendranath	...	...	Ditto.
Haldar, Nagendranath	...	...	Ditto.
Lahiri, Kamakhyaprasad	...	...	Ditto.
Maitra, Pramathanath	...	...	Ditto.
„ Rampran	...	...	Ditto.
Maung Tha Hla	...	...	Ditto.
Misra, Kunjeswar	...	...	Ditto.
Mitra, Annadaprasad	...	...	Ditto.
„ Sureschandra, I	...	...	Ditto.
„ Sureschandra, II	...	...	Ditto.
Mukhopadhyay, Annadachandra		...	Ditto.
„ Kumadnath		...	Ditto.
„ Rajkrishna		...	Ditto.
Nath, Jagatchandra	...	...	Ditto.
Niyogi, Sasidhar	...	...	Ditto.
Pal, Sisirkumar	...	...	Ditto.
„ Satischandra	...	...	Ditto.
Pradhan, Mahendranath	...	...	Ditto.
Ray, Ambikacharan	...	...	Ditto.
„ Manmohan	...	...	Ditto.
Sarkar, Baradaprasad	...	...	Ditto.
„ Gobindacharan	...	...	Ditto.
„ Nalinikanta	...	...	Ditto.
Sen, Brajalal	...	...	Ditto.
„ Dhirajmohan	...	...	Ditto.
„ Dwarikanath	...	...	Ditto.
„ Jyotindranath	...	...	Ditto.
„ Nisakanta	...	...	Ditto.
Sinha, Nrisinhadas	...	...	Ditto.

FIRST L. M. S. EXAMINATION.

In alphabetical order.

Basak, Baidyanath	...	...	Medical College.
Basu, Narendranath	...	...	Ditto.
Biswas, Hemchandra	...	...	Ditto.
Chakrabarti, Rajendralal	...	...	Ditto.
„ Satyasaran	...	...	Ditto.
Chattopadhyay, Krishnalal		...	Ditto.
Das, Ishanchandra	...	...	Ditto.
„ Kisorimohan	...	...	Ditto.
Datta, Haridhan	...	...	Ditto.
„ Jogeschandra	...	...	Ditto.

De, Bepinchandra	...	Medical College.
Gangopadhyay, Khagendranath	...	Ditto.
Ghosh, Krishnakumar	...	Ditto.
„ Kshirodchandra	...	Ditto.
„ Purnachandra	...	Ditto.
Haldar, Manibhusan	...	Ditto.
Karmakar, Taraknath	...	Ditto.
Mitra, Jnanendranath	...	Ditto.
Mukhopadhyay, Pramathanath	...	Ditto.
„ Purendramohan	...	Ditto.
„ Sitanath	...	Ditto.
Mustafi, Jyotishchandra	...	Ditto.
Pramanik, Nanilal	...	Ditto.
Ray, Lalitmohan	...	Ditto.
Sanyal, Apurvachandra	...	Ditto.
Sen, Jamini	...	Ditto.
„ Kalimohan	...	Ditto.
„ Satischandra	...	Ditto.
Sengupta, Satyacharan	...	Ditto.
Set, Nripendranath	...	Ditto.
Sil, Sudamchandra	...	Ditto.
Sinha, Hiralal	...	Ditto
Som, Rajaninath	...	Ditto.
Sur, Saratchandra	...	Ditto.

SECOND L. M. S. EXAMINATION.

In alphabetical order.

Bandyopadhyay, Haritaran	...	Medical College.
Chaliha, Lakshmiprasad	...	Ditto.
Mukhopadhyay, Haripada	...	Ditto.
Pal, Prabhasnath	...	Ditto.
Ray, Jogindragopal	...	Ditto.
Sanyal, Nisinath	...	Ditto.

441. The Registrar reported that owing to the absence from India on leave of Dr. D. D. Cunningham, he had, in consultation with the President of the Faculty of Medicine, asked Dr. J. F. Evans to look over answer papers in Pathology of candidates at the recent 2nd L. M. S. examination and to set and examine papers in the abovenamed subject for the ensuing 2nd M. B. examination.

RESOLVED—

That the action of the Registrar be approved.

442. The Registrar reported that owing to an attack of serious illness and the ultimate death of Rai Gunabhiram Baruya, Bahadur, he had, in anticipation of the orders of the Syndicate, asked Mr. Jagannath Baruya, B. A., to look over answer papers of the Entrance candidates in the Assamese language.

RESOLVED—

That the action of the Registrar be approved.

443. The Registrar reported that Babu Asutosh Mukerjee, M.A., B.L., Examiner in History and Political Economy for the B. A. examination, having resigned his appointment owing to an attack of severe illness, he had, in anticipation of the orders of the Syndicate, asked Mr. M. Prothero to look over the answer papers returned by Babu Asutosh Mukerjee.

RESOLVED—

That the action of the Registrar be approved.

444. Read a letter from the Hon'ble J. R. Reid, I C.S., requesting permission to resign his Fellowship of the Calcutta University as he is about to leave India for good.

RESOLVED—

That the letter be forwarded in original to the Government of India in the Home Department for orders.

445. Read a letter from Sir Frederick Pollock, Bart, forwarding the results of the last Tagore Law examination.

RESOLVED—

That the gold and silver medals be awarded to Manmathanath Mukhopadhyay and Lalitmohan Ray who stood 2nd and 3rd respectively at the last Tagore Law examination and that an extra gold medal be awarded to Satischandra Bandyopadhyay, who stood first at the examination, but who was disqualified by insufficient attendance (the result of a misunderstanding) from competing for the regular medals, in consideration of the high quality of his work as reported by Sir Frederick Pollock.

446. Read a letter from Dr. K. McLeod, stating that his engagements in September next will not permit of his attending the International Congress of Hygiene and Demography at Budapest as representative of the Calcutta University.

ORDERED—

To be recorded.

447. Read a letter from the Secretary-General to the 8th International Congress of Hygiene and Demography, requesting that Dr. K. McLeod having declined to at-

tend the Congress, some other members of the Senate may be nominated to represent the University at the next sitting of the Congress at Budapest.

ORDERED—

To be recorded.

448. Read an application from the Principal, Baptist College, Rangoon, countersigned by two members of the Senate, requesting that the institution may be affiliated to the University in Arts up to the F. A. standard.

RESOLVED—

That the school attached to the Baptist College, Rangoon, be recognised as a High School qualified to send up candidates to the Entrance examination, and that the Secretary to the Government of India in the Home Department be requested to move His Excellency the Governer-General of India in Council to sanction the affiliation of the College to the University in Arts up to the F. A. standard.

449. Read an application from the Proprietor, Central Institution, Calcutta, countersigned by two members of the Senate, requesting that the institution may be affiliated to the University in Arts up to the F. A. standard.

RESOLVED—

That the Secretary to the Government of India, in the Home Department, be requested to move His Excellency the Governer-General of India in Council to sanction the affiliation of the Central Institution, Calcutta, to the University in Arts up to the F. A. standard.

450. Read a letter from Babu Syamacharan Ganguli, B.A., a member of the Senate, stating in continuation of his letter, dated the 27th July last, the arguments in favour of substituting Political Economy for Logic in the F. A. course.

RESOLVED—

That the letter of Babu Syamacharan Ganguli, dated the 31st March, 1894, be laid before the Faculty of Arts along with his letter of the 27th July, 1893, on the same subject.

451. Read a letter from Sir R. K. Wilson, stating that he has ceased to hold the office of "Reader in Indian Law"

at the University of Cambridge, and is therefore no longer entitled to get presentation copies of the Tagore Law Lectures, but that he will be glad if his name be retained in the list of recipients; also intimating that the title of 'Reader in Indian Law' is now abolished, and that the duties of the office are now performed by two lecturers, to both of whom, as well as to the Secretary of the Board of Indian Civil Service Studies, copies of the Tagore Law Lectures will be highly acceptable.

ORDERED—

That Sir R. K. Wilson's name be added to the list of recipients of the Tagore Law Lectures, and that in future a copy of the lectures be annually supplied to the Secretary to the Board of Indian Civil Service studies.

452. Read an endorsement from the Inspector of Schools, Presidency Circle, forwarding in original, reports from the Deputy Inspector of Schools, Jessore, showing that one Jatindrakrishna Deb was sent up to the recent Entrance examination from the Sammilani Institution, Jessore, without being required to submit himself to the usual test examination.

RESOLVED—

That the Registrar be requested to write to the Head Master of the Jessore Sammilani Institution to the effect that the managers of the school have been charged with having sent up one Jatindrakrishna Deb to the recent Entrance examination without his being required to submit himself to a test examination, and that unless the charge can be disproved, the Syndicate will refuse to recognise the school so long as the present Secretary and the present 3rd Master are connected with it.

453. Read a letter from Babu Kedarnath Sen, stating in reply to this office letter No. 4091, dated the 5th February last, that he cannot agree to change the proposed medal into a prize of books as suggested in the above letter, and that he thinks that there will be no anomaly if the 2nd man in the M. A. examination in Sanskrit gets a medal, while the 1st man gets a prize of books.

RESOLVED—

That Babu Kedarnath Sen be informed that his offer will be accepted in accordance with the terms proposed by him.

454. Read an endorsement from the Principal, Burdwan Raj College, forwarding an application from Srischandra Chatterjee, praying that under the circumstances stated in the application, he may be allowed to join the 2nd-year class of the Hughli College, in order to qualify himself for admission to the F. A. examination in 1895.

RESOLVED—

That the Principal, Burdwan Raj College, be informed hat the applicant must attend 66 per cent. of the lectures or another year, in order to make himself eligible for admission to the F. A. examination.

455. Read a letter from the Rector, St. Xavier's College, forwarding an application from G. R. M. Adams, praying that under the circumstances therein stated, he may be allowed to take his admission into the 2nd-year class of the above College, in order to qualify himself for admission to the F. A. examination in 1895.

RESOLVED—

That the Rector, St. Xavier's College, be informed that the applicant must attend the prescribed number of lectures for two years, in order to make himself eligible for admission to the F. A. examination.

456. Read an application from Mr. C. E. Freeman, B. A. (Cambridge), requesting permission to appear at the M. A. examination.

RESOLVED—

That Mr. C. E. Freeman be informed that he will be allowed to appear at the M. A. examination and that in the event of his successfully passing the examination, the Syndicate will recommend to the Senate that he may be allowed to proceed to the degree.

457. Read an endorsement from the Head Master, Baraset School, forwarding an application from Nagendranath Chaudhuri, stating that his younger brother Jatindranath Chaudhuri, a candidate for the recent Entrance examination, unfortunately died before the commencement of the examination, and praying that under the circumstances, the fee paid by the deceased for admission to the examination may be refunded.

RESOLVED—

That the fee paid by the deceased for admission to the last Entrance examination be refunded to his brother Nagendranath Chaudhuri through the Head Master, Baraset School.

458. Read a letter from Pandit Chandramohan Tarkaratna declining to accept a remuneration of Rs. 25 for revising the proofs of the Entrance Sanskrit Selections for 1895, as the sum awarded is, in his opinion, altogether inadequate to the labour that the work involves.

RESOLVED—

That Rs. 50 be paid to Pandi andramohan Tarkaratna, and that he be informed that the Syndicate regret that through an oversight a smaller sum was offered than on a previous occasion.

459. Read a petition from Jadu Daffadar, supported by an affidavit made before a Magistrate, praying that his present name may be changed to Mahammed Zawad Ali in his Entrance certificate.

RESOLVED—

That the name in the certificate be altered as requested.

460. The Syndicate resolved to recommend to the Senate that the Faculties for the year 1894-95 be constituted as follows:—

ARTS.

President.

DR. MAHENDRALAL SIRCAR, C.I.E.

Members.

His Honour the Lieutenant-Governor of Bengal.
His Honour the Lieutenant-Governor, North-Western Provinces and Oudh.
His Honour the Lieutenant-Governor of the Punjab.
The Right Rev. the Lord Bishop of Calcutta.
The Hon'ble Sir Antony Patrick MacDonnell, K.C.S.I.
The Hon'ble J. Westland, C.S.I.
Babu Bhudeb Mookerjee, C.I.E.
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Raja Sivaprasad, C.S.I.

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Brig. Surg. Lt.-Col. G. King, C.I.E., M.B., LL.D., F.L.S., F.R.S
Maharajah Durgacharan Law, C.I.E.
Babu Gaurdas Basak.
Babu Krishnakamal Bhattacharyya, B.L.
Babu Omeshchunder Dutt.
The Hon'ble Mr. Justice J. O'Kinealy, M.A., LL.D., C.S.
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Maharajah Sir Jotindramohan Tagore, Bahadur, K.C.S.I.
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Mahamahopadhyay Mahesachandra Nyayaratna, C.I.E.
Rev. Lalbehari Dey.
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The Hon'ble W. C. Bonnerjee.
Raja Sir Saurindramohan Tagore, Kt., Mus. Doc., C.I.E.
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P. K. Ray, Esq., D.Sc.
A. F. Rudolf Hoernle, Esq., M.A., Ph.D.
Babu Trailokyanath Mitter, M.A., D.L.
W. Griffiths, Esq., M.A.
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The Hon'ble Rashbehary Ghose, M.A., D.L.
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Sir Edward Buck, Kt., C.S.I.
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Babu Pramadadas Mitra.
Maulavi Muhammad Sami-ullah Khan, C.M.G.

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Babu Jogindrachandra Ghosh.
Rai Taraprasanna Ray, Bahadur, F.C.S.
The Most Rev. Paul Goethals, D.D., S.J.
The Hon'ble Raja Sir Amir Hasan, Khan Bahadur, K.C.I E , C.S.I.
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Raja Lachhman Singh.
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Nagendranath Ghosh, Esq.
A. F. M. Abdur Rahman, Esq.
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J. H. Gilliland, Esq., M.A.
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Shams-ul-Ulama Ahmad.
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Babu Rajaninath Ray, M.A.
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The Hon'ble C. E. Buckland, B.A., C.S.
Shams-ul Ulama Shaikh Mahmud Gilani.
G. W. Kuchler, Esq., M.A.
Babu Pratapchandra Majumdar.
C. Little, Esq., M.A.

J. C. Bose, Esq., B.A., B.Sc.
Babu Srinath Das.
Babu Asutosh Mukhopadhyay, M.A., D.L., F.R.A.S., F.R.S.E.
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Maulavi Ashrafuddin Ahmad, Khan Bahadur.
Babu Syamacharan Ganguli, B.A.
Babu Bipinbihari Gupta, M.A.
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Babu Mahendranath Ray, M.A., B.L.
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The Hon'ble Mr. Justice J. Q. Pigot, B.A.
The Ven'ble Archdeacon W. McCarthy.
C. R. Wilson, Esq., M.A.
Babu Nilratan Sarkar, M.A., M.D.
Babu Ramcharan Mitra, M.A., B.L.
Babu Narendralal De. M.A., B.L.
The Very Rev. Vincent Naish, S.J.
J. S. Zemin, Esq.
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Babu Herambachandra Maitra, M.A.
Babu Srischandra Chaudhuri, M.A., B.L.
Babu Ramendrasundar Trevedi, M.A.

LAW.

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THE HON'BLE RASHBEHARY GHOSE, M.A., D.L.

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The Hon'ble Mr. Justice Gooroo Das Banerjee, M.A. D L.

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Maulavi Muhammad Yousuf, Khan Bahadur, B.L.
Nawab Syed Amir Hossein, Khan Bahadur, C.I.E.
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Nagendranath Ghose, Esq.
A. F. M. Abdur Rahman, Esq.
Babu Durgamohan Das.
Babu Srinath Das.
Babu Asutosh Mukhopadhyay, M.A., D.L., F.R.A.S., F.R.S.E.
The Hon'ble Ganeschandra Chandra.
The Hon'ble Mr. Justice J. F. Norris, Q.C.
Maharaja Sir Narendrakrishna, Bahadur, K.C.I.E.
Babu Jogindrachandra Ghose, M.A., B.L.
Babu Mahendranath Ray, M.A., B.L.
Maulavi Khuda Baksh, Khan Bahadur.
Babu Upendranath Mitra, M.A., B.L.
The Hon'ble Mr. Justice J. Q. Pigot, B.A.
Abul Hasan Khan, Esq.
Babu Ramcharan Mitra, M.A., B.L.
The Hon'ble Mr. Justice C. H. Hill, M.A.

MEDICINE.

President:

SURGEON LT.-COL J. O'BRIEN, M.A., M.D., C.M., F.R.C.S.E.

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Babu Kailaschandra Basu, L.M.S.
Surgeon Lt.-Col. C. H. Joubert, M.B., F.R.C S.
Babu Nilratan Sarkar, M.A., M.D.
Surgeon-Major Gerald Bomford, M.D

ENGINEERING.

President:

C. W. ODLING, ESQ, M.E., M.I.C.E.

Members:

His Excellency the Commander-in-Chief of the Forces in India.
The Hon'ble Lieutenant-General Henry Brackenbury, C.B., R.A.
The Hon'ble Sir Charles Pritchard, K.C.I.E., C S I.
Babu Mahendralal Sircar, M.D., C.I.E.
Sir Alfred Croft, K.C.I.E., M.A.
J. Eliot, Esq., M.A.
A. Pedler, Esq, F.R.S.
J. S. Slater, Esq.
Rai Radhikaprasad Mukerjee, Bahadur, C.E., A.M.I.C E.
Franklin Prestage, Esq.
Babu Nilmani Mitra.
R. B. Buckley, Esq., M.I.C.E, M.I.M.E.
Babu Khetranath Chatterjee, M.I.C.E.
Rai Madhabchandra Ray, Bahadur, B.A., B.C.E.
W. Booth, Esq., M.A.
Surgeon-Major C. J. H. Warden, M.D.
Col. C. W. I. Harrison, R.E.
F. J. E. Spring, Esq., L.C.E., M.I.C.E.
J. H. Gilliland, Esq., M.A.
W. H. Jobbins, Esq.
W. King, Esq., B.A., D.Sc., F.G.S.
J. H. Apjohn, Esq, M.A., M.I.C.E.
C. Little, Esq., M.A.
A. Macdonell, Esq., M.A.
F. J. Johnstone, Esq., M.I.C.E.

461. Read a letter from Babu Symacharan Ganguli, B.A., a member of the Senate, suggesting that in the Annual Report of the Syndicate an additional table showing the number of candidates who compete for Honours in each of the subjects for the B. A. examination, the number that succeed in obtaining Honours, and the number that falling short of Honours only pass be inserted, also suggesting that in the next Report be inserted a tabular statement showing the results of the Honour examinations in the several subjects since the institution of such examinations in 1885.

BENGAL SECRETARIAT LIBRARY

RESOLVED—

That Babu Symacharan Ganguli be informed that as the information in question can be obtained from the tabular statements appended to the Report of the Examiners printed in the minutes, there appears to the Syndicate to be no necessity for including the information in the Report of the Syndicate by a separate table.

462. Read a letter from Dr. Asutosh Mukhopadhyay, suggesting that the word 'civil' wherever it occurs in the Regulations for Master in Civil Engineering (Calendar for 1894, p. 83) be omitted and that "B. E." be substituted for "B. C. E." in the same Regulations.

RESOLVED—

That the Syndicate recommend to the Senate that the word "civil" wherever it occurs in the Regulations for Master in Civil Engineering (Calendar for 1894, p. 83) be omitted and that "B. E." be substituted for "B. C. E." in the same Regulations.

463. The Rev. Dr. K. S. Macdonald's name was ordered to be added to the Library Committee.

464. Read the following letter from the Secretary and Treasurer, Bank of Bengal :—

No. 86—809P

BANK OF BENGAL,
DEPOSITORS' DEPARTMENT;
Calcutta, 11th April, 1894.

To
THE REGISTRAR CALCUTTA UNIVERSITY,
SENATE HOUSE, CALCUTTA.

DEAR SIR,

I BEG to advise the purchase of 4 per cent. Government Securities for Rs. 7,500 (as per enclosed memo.) agreeably with instructions.

The above Securities are to be converted into stock as requested.

Yours faithfully,
(Sd.) A. W. LINDSAY,
Deputy Secretary and Treasurer.

MEMO. OF PURCHASE.

Account Registrar, Calcutta University, a/c Sibley Scholarship Fund.

	Rs. As. P.	Rs. As. P.	Rs. As P.
4 per cent. Government Securities—			
No 345971 of 1865 ...	5,000 0 0		
,, 352003 to 4 of 1865 @ 1,000 ...	2,000 0 0		
,, 332749 of 1865 ...	500 0 0		
	7,500 0 0		
Premium at Rs. 4-3 per cent.	314 1 0		
		7,814 1 0	
Interest from 1st November, 1893, to 10th April, 1894, being five months nine days at 4 per cent. ...	132 8 0		
Less Income Tax @ 5 pie per rupee	3 7 2		
		129 0 10	
			7,943 1 10
TOTAL Rs ...	....	.....	7,943 1 10

BANK OF BENGAL,
DEPOSITORS' DEPARTMENT;
Calcutta, 10th April, 1894.

ORDERED—

To be recorded.

265. Read a letter from the Secretary to the Government of Bengal, in the Public Works Department, forwarding an estimate amounting to Rs. 1,397 for repairing the floors of the University Senate House, and requesting that the amount may be paid into the Bank of Bengal to the credit of the Public Works Department to meet the cost of the work.

ORDERED—

That the amount be paid as requested.

466. Read the draft report of the Syndicate for the year 1893-94.

RESOLVED—

That the report be laid before the Senate at their next meeting.

467. The following contingent bill for the months of January and February, 1894, was passed :—

		Rs	As.	P.			
	FEE FUND.						
	Discounting a Ceylon Cheque	0	8	0			
	Bank of Bengal Postage	0	10	0			
	Ditto ditto.	0	3	0			
	Ditto Tram hire	0	1	3			
1	Bill, Controller, University Press, Oxford, for printing examination papers, £123-17 6	1,977	13	9			
1	,, Professor Leudesdorf for correcting the proofs of the examination papers, £35	558	13	5			
2	Bills, Reporter's fee for reporting Senate meetings	50	0	0			
2	,, Collector of Stamps for service labels	300	0	0			
1	Bill, "Bombay Gazette" advertisement ...	20	8	0			
1	,, "Mirror" do. ...	12	4	0			
1	,, "Nation" do. ...	9	8	0			
1	,, "Reis and Rayyat" do. ...	13	0	0			
1	,, "Amrita Bazar Patrika" do. ...	11	8	0			
1	,, "Pioneer" do. ...	10	8	0			
1	,, "Hindu Patriot" do. ...	13	0	0			
1	,, "East" do. ...	9	8	0			
1	,, "Englishman" do. ...	10	8	0			
1	,, Traill & Co.	5	8	0			
1	,, Ditto for copy books ...	4,299	0	0			
2	Bills, Messrs. W. Newman & Co., for printing jobs	153	12	0			
1	Bill Contingencies	5	6	0			
1	,, Jaykissen Sirkar, refund of fee ...	2	0	0			
1	,, Headmaster, B. M. Institution, refund of fee	2	0	0			
1	,, Krisnacoomar Majumdar, refund of fee	10	0	0			
1	,, Superintendent, Nagpur School, refund of fee	100	0	0			
1	,, Headmaster, Purbasthali School, refund of fee	10	0	0			
1	,, Principal, Ripon College, refund of fee	40	0	0			
1	,, Principal, Metropolitan Institution, refund of fee	40	0	0			
1	,, Principal, Jagganath College, refund of fee	20	0	0			
	Contribution to the Reserve Fund ...	22,111	14	4			
2	Bills, Collector to the Corporation, House, Water, Police and Lighting taxes	776	12	6			
1	Bill, Messrs. Harman & Co., for safe custody of gowns	50	0	0			
					30,624	10	3
	Account—Tagore Fund.						
1	Bill, "Mirror" advertisement ...				8	4	0
	Harischandra Fund.						
1	,, Rakhalraj Biswas for Prize ...				120	0	0
	Keshabchandra Fund.						
1	,, Surabala Ghose for Prize ...				80	0	0
				TOTAL RS. ...	30,832	14	3

MAHENDRALAL SIRCAR, *Chairman.* W. GRIFFITHS, *Registrar.*

REPORT OF THE SYNDICATE FOR THE YEAR 1893-94.

THE usual examinations have been held during the year in Arts, Law, Medicine, and Engineering; and a tabular statement is appended, showing the results and affording a comparison with the results of the previous year. The total number of candidates, who appeared at this year's examinations, was 10,105 against 9,612 in the previous year.

Entrance examination.

The number of candidates registered for the Entrance examination held in February 1893, was 5,719, of whom 3,722 passed, 1,946 failed, 48 were absent, and 3 were expelled. Of the successful candidates, 945 were placed in the first division, 1,901 in the second, and 876 in the third. Of the 1,946 candidates who failed, 1,458 were rejected in English, 402 in Mathematics, 411 in the Second Languages, 1,146 in History and Geography, and 42 in the aggregate.

314 candidates took up Drawing (optional subject), of whom 42 passed and 272 failed.

The following table shows the number of candidates that came up from each province, the number passed, and the percentage of successful candidates for the years 1892 and 1893:—

ENTRANCE EXAMINATION.

	February 1892.			February 1893.		
	Number of candidates.	Number passed.	Percentage.	Number of candidates.	Number passed.	Percentage.
Bengal	4,263	1,712	40·15	4,706	3,158	67·10
Assam	157	90	57 32	190	131	68 94
N-W P & Oudh	40	18	45	17	9	52·94
Rajputana .	8	...		..		
Panjab ..	186	42	22 58	118	56	47 45
Central Provinces .	321	92	28 66	423	219	51·77
Central India States	58	15	25 86	45	25	55·5
Nepal .	2	..	..	3	2	66·6
Burmah ..	106	30	28·3	113	72	63·71
Ceylon	67	35	52·23	104	50	40
Total	5,208	2,034	39·05	5,719	3,722	65·08

The following table shows (1) the number of candidates from each province and the optional languages taken up; (2) the divisions in which the successful candidates were placed :—

	No. of candidates	Second Languages.												Number passed.			Total.
		Greek.	Latin.	French.	Sanskrit.	Bengali.	Arabic.	Persian.	Urdu.	Hindi.	Uriya.	Armenian.	Tamil.	First Division.	Second Division.	Third Division.	
Bengal ...	4,706	2	121	27	3,430	527	13	450	5	115	11	4	...	813	1,600	745	3,158
Assam ...	190	...	5	...	127	37	1	20	...	...	...	...	...	35	69	27	131
N.-W. P. and Oudh	17	...	10	4	1	...	...	...	1	1	...	...	...	5	2	2	9
Panjab ...	118	...	21	2	5	...	...	78	11	1	...	...	...	15	34	7	56
Central Provinces	423	...	17	3	330	...	...	42	4	25	..	..	2	40	121	58	219
Central India States	45	1	1	...	30	...	...	4	1	7	...	...	1	3	13	9	25
Nepal ...	3	...	...	...	3	...	...	...	...	...	...	...	...	...	2	...	2
Burmah ...	113	...	6	11	...	3	...	...	...	...	...	91	2	16	36	20	72
Ceylon ...	104	...	86	...	...	...	...	...	...	...	...	...	18	18	24	8	50
Total ...	5,719	3	267	47	3,926	567	14	594	22	149	11	4	23	945	1,901	876	3,722

The following table shows the number of candidates who took up the several vernacular languages:—

	No. of candidates.	Bengali.	Hindi.	Uriya.	Mahrathi.	Urdu.	Burmese.	Armenian.	Parbatia.	Assamese	Telegu.	Gujrathi	Khasia.	Tamil.	English.
Bengal ..	4,706	3,865	232	70	...	399	1	4	...	...	..	...	...	...	135
Assam ...	190	134	..	...	...	1	...	...	...	49	...	..	6	...	..
N.-W. P. and Oudh...	17	...	4	.	...	1	...	...	...	...	...	...	...	...	12
Panjab ...	118	2	2	...	...	88	..	...	...	...	...	1	..	...	25
Central Provinces ...	423	5	128	10	212	38	...	..	.	...	9	...	...	1	20
Central India States...	45	...	8	.	30	1	...	..	..	...	..	3	.	3	...
Nepal ..	3	...	...	..	...	...	...	...	3	..	...	...	...	...	...
Burmah ...	113	3	...	...	...	...	76	...	...	...	..	...	...	2	32
Ceylon ...	104	...	...	...	...	...	..	.	...	..	...	...	...	17	87
Total ...	5,719	4,009	374	80	242	528	77	4	3	49	9	4	6	23	311

A statement of the number of candidates who failed in one subject only is subjoined:—

English ...	... 541	Second Language	... 45
Mathematics	... 43	History and Geography	... 263

The following is a classification of the candidates, according to the stations at which they were examined and the second languages they took up:—

BENGAL.

	No. of candidates	Greek.	Latin.	French.	Sanskrit.	Bengali.	Arabic.	Persian.	Urdu.	Hindi.	Uriya.	Burmese.	Armenian.	Tamil.
Barisal ...	208	...	1	...	176	24	...	7	..	...	..	...	...	...
Baulia ...	96	...	...	...	85	4	...	7	...	...	...	...	...	...
Berhampur ...	156	...	...	...	148	8	...	..	...	...	...	...	...	...
Bhagalpur ...	154	..	...	...	94	5	..	43	2	10	.		...	..
Burdwan ...	324	...	...	...	267	50	...	7	...	..	...	.	...	...
Calcutta ...	2,016	2	86	18	1,605	228	1	66	1	2	...	3	4	...
Chittagong ...	84	...	...	...	63	8	.	13	...	..	...	...	...	...
Cooch-Behar ...	53	...	..	...	33	19	...	1	...	...	...	..	...	...
Dacca ..	541	.	...	..	390	129	...	22	...	...	.	..	...	...
Darjeeling ...	34	...	31	1	...	..	...	..	...	2		...	...	..
Hughli ...	194	..	...	8	161	21	...	4	..	...	...		...	...
Katak ...	94	.	2	..	68	4	2	7	...	...	11	...	...	...
Krishnagar ...	105	...	..	...	95	8	..	2	...	..	..	...	...	...
Midnapur ...	100	.	...	...	80	18	...	2	...	...	...	...	...	..
Patna ...	552	...	1	...	172	6	10	269	2	92	...	.	..	...
Ranchi ...	27	.	1	..	16	1	.	..	...	9	...	...	...	...

ASSAM.

	No. of candidates.	Greek.	Latin.	French.	Sanskrit.	Bengali.	Arabic.	Persian.	Urdu.	Hindi.	Uriya.	Burmese.	Armenian.	Tamil.
Debrugarh ...	19	...	...	...	12	1	...	6		...	...	...	...	...
Gauhati ...	56	...	...	...	43	6	...	7	...	...	...	...	..	..
Shillong ...	17	...	5	...	9	1	1	1	...	...	...	.	...	...
Sylhet ...	83	...	...	...	54	23	...	6	...	..	...	...	...	..

N.-W. P. AND OUDH.

Agra ...	18	...	10	4	1	...	...	1	1	1	...	...	...	...

PANJAB.

Lahore ...	100	...	4	2	5	...	...	77	11	1	...	..	...	...
Simla ...	17	...	17	...	...	...	...	...	...	...	...	...	...	...

CENTRAL PROVINCES.

Jabalpur ...	139	...	...	...	88	...	...	34	...	17	...	...	...	...
Nagpur ..	273	...	17	3	231	...	...	8	4	8	...	...	...	2

CENTRAL INDIA STATES.

Indore ...	45	1	1	...	30	...	...	4	1	7	...	...	...	1

BURMAH.

Rangoon ...	110	...	5	11	...	3	...	...	...	...	...	89	...	2

CEYLON.

Colombo ...	35	...	33	...	...	...	...	...	...	...	...	...	...	2
Kandy ...	25	...	25	...	...	...	...	...	...	...	...	...	...	...
Jaffna ...	44	...	28	...	...	...	...	...	...	...	...	...	...	16

The divisions in which the successful candidates from each province were placed, and the religions professed, are shown in the following tables :—

PROVINCES.

	Number of candidates.	Number Passed. First Division.	Second Division.	Third Division.	Total.
Bengal	(a)4,706	(b) 813	(c)1,600	(d) 745	3,158
Assam	190	35	69	27	131
N.-W. P. and Oudh ...	(e) 17	(f) 5	2	(g) 2	9
Panjab	(h) 118	15	(i) 34	7	56
Central Provinces ...	(j) 423	40	(k) 121	(l) 58	219
Central India States ...	45	3	13	9	25
Nepal	3	...	2	...	2
Burmah	(m) 113	(n) 16	(o) 36	(p) 20	72
Ceylon	(q) 104	18	(r) 24	8	50
Total ...	5,719	945	1,901	876	3,722

RELIGION.

BENGAL.

Hindus	4,138	702	1,419	665	2,786
Mahomedans	329	43	97	43	183
Christians	(s) 178	(t) 50	(u) 63	(v) 29	142
Others	(w) 61	(x) 18	(y) 21	8	47
Total ...	4,706	813	1,600	745	3,158

ASSAM.

Hindus	158	31	59	24	114
Mahomedans	23	3	8	2	13
Christians	6	1	...	1	2
Others	3	...	2	...	2
Total ...	190	35	69	27	131

(a) Of these 28 were females.
(b) ,, 12 ,,
(c) ,, 6 ,,
(d) ,, 2 ,,
(e) ,, 3 ,,
(f) ,, 2 ,,
(g) ,, 1 was a female.
(h) ,, 6 were females.
(i) ,, 4 ,,
(j) ,, 5 ,,
(k) ,, 1 was a female.
(l) ,, 1 ,,
(m) ,, 16 were females.
(n) Of these 3 were females.
(o) ,, 4 ,,
(p) ,, 5 ,,
(q) ,, 1 was a female.
(r) ,, 1 ,, ,,
(s) ,, 21 were females.
(t) ,, 10 ,,
(u) ,, 4 ,,
(v) ,, 2 ,,
(w) ,, 7 ,,
(x) ,, 2 ,,
(y) ,, 2 ,,

N.-W. P. AND OUDH.

	Number of candidates.	Number Passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindus	2	...	...	...	...
Mahomedans	1	..	...	...	...
Christians	(a) 14	(b) 5	2	(c) 2	9
Total ...	17	5	2	2	9

PANJAB.

Hindus	51	5	17	1	23
Mahomedans	19	1	2	1	4
Christians	(d) 47	9	(e) 15	5	29
Other	(f) 1	...	...	...	...
Total ...	118	15	34	7	56

CENTRAL PROVINCES.

Hindus	378	32	110	52	194
Mahomedans	19	5	5	2	12
Christians	(g) 22	3	(h) 5	(i) 3	11
Others	4	...	1	1	2
Total ...	423	40	121	58	219

CENTRAL INDIA STATES.

Hindus	38	3	11	8	22
Christians	6	...	1	1	2
Other	1	...	1	..	1
Total ...	45	3	13	9	25

(a) Of these 3 were females.
(b) ,, 2 ,,
(c) ,, 1 was a female.
(d) ,, 5 were females.
(e) ,, 4 ,,
(f) ,, 1 was a female.
(g) ,, 5 were females.
(h) ,, 1 was a female.
(i) ,, 1 ,, ,,

NEPAL

	Number of candidates.	Number Passed. First Division	Second Division.	Third Division.	Total.
Hindus	3	...	2	...	2

BURMAH.

Hindus	8	...	4	1	5
Mahomedans	14	1	3	5	9
Christians	(a) 34	(b) 8	(c) 10	(d) 7	25
Others	57	7	19	7	33
Total ...	113	16	36	20	72

CEYLON.

Hindus	5	2	1	...	3
Mahomedans	2	.	...	...	...
Christians	(e) 61	6	(f) 14	7	27
Others	36	10	9	1	20
Total ...	104	18	24	8	50

The following statement shows the number of unsuccessful candidates of previous years that came up from each province, the number passed, and the percentage of successful candidates:—

	Number of candidates.	Number Passed. First Division.	Second Division	Third Division	Total.	Percentage.
Bengal	1,616	167	689	311	1,167	72·21
Assam	63	6	30	11	47	74·60
N.-W. P. and Oudh	4	1	...	....	1	100·
Panjab	28	2	14	2	18	64·28
Central Provinces ...	174	29	69	21	119	68·39
Central India States	23	1	6	5	12	52·17
Burmah	48	3	18	7	28	58·33
Ceylon	12	4	4	1	9	60
Total ...	1,968	213	830	358	1,401	71·18

(a) Of these 16 were females.
(b) ,, 3 ,,
(c) ,, 4 ,,
(d) Of these 5 were females.
(e) ,, 1 was a female.
(f) ,, 1 ,, ,,

The following schools having failed, after due warning, to show improved results at the last Entrance examination, the privilege of sending up candidates to the Entrance examination was withdrawn from them :—

Andul Durgasundari Jubilee School.
Arkandi H. E. School.
Seoni Mission High School.

On a representation made by the authorities of Arkandi H. E. School, the Syndicate allowed it to send up candidates to the Entrance examination, and the order withdrawing from it the privilege of recognition has been kept in abeyance for two years.

At the Entrance examination held in February 1894, there were 5,392 candidates.

First Examination in Arts.

The number of candidates registered for the First examination in Arts held in February 1893, was 2408, of whom 929 passed, 1,382 failed, and 97 were absent. Of the successful candidates, 42 were placed in the first division, 188 in the second, and 699 in the third. Of the 1,382 candidates who failed, 979 were rejected in English, 728 in Mathematics, 463 in the Second Languages, 328 in Physics, 804 failed to secure the minimum in History, 681 in Logic, 565 in Chemistry, and 116 in the aggregate.

A comparative statement of the number of candidates, the number passed, and the percentage of passed candidates from each province, for the years 1892 and 1893 is subjoined.

FIRST ARTS EXAMINATION.

	February 1892.			February 1893.		
	Number of candidates.	Number passed.	Per-centage.	Number of candidates.	Number passed.	Per-centage.
Bengal	2,357	1,035	43·91	2,250	851	37·82
Assam	...	...	...	11	4	36·36
N.-W. P. & Oudh ...	4	3	75·	2	2	100·
Panjab	9	8	88·88	3	2	66·66
Central Provinces ...	87	59	67·81	87	46	52·87
Central India States ...	9	4	44·44	16	4	25·
Burmah	14	11	78·57	23	12	52·17
Ceylon	9	4	44 44	16	8	50·
Total ...	2,489	1,124	45·15	2,408	929	38·57

The following table shows (1) the number of candidates from each province and the languages taken up by them; (2) the divisions in which the successful candidates were placed :—

	No. of candidates.	Second Languages.								No. Passed.			
		Greek.	Latin.	French.	Sanskrit.	Bengali.	Arabic.	Persian.	Armenian.	Pali.	First Division.	Second Division.	Third Division.	Total.
Bengal ...	2,250	2	31	12	2,012	1	6	185	1	...	40	172	639	851
Assam ...	11	...	1	..	10	...	..	...	...	...	..	1	3	4
N.-W. P. and Oudh	2	...	...	2	...	..	...	...	...	...	1	1	..	2
Panjab ...	3	...	2	...	1	...	...	...	...	...	...	...	2	2
Central Provinces...	87		1	...	74	...	..	12	...	...	1	6	39	46
Central India States	16	..		...	10	..		6	..	...	...	..	4	4
Burmah ...	23	...	5	2	...	...	.	...	...	16	...	6	6	12
Ceylon ...	16	..	15	1	...	...	...	..	...	...	.	2	6	8
Total ...	2,408	2	55	17	2,107	1	6	203	1	16	42	188	699	929

The following is a statement of the number of candidates who failed in one subject only :—

English	...	...	82
Mathematics	...	...	44
Second Language	...	...	11
Physics	...	...	4

A classification of the candidates according to the second languages they took up, gives the following results :—

BENGAL.

	No. of candidates	Greek.	Latin.	French.	Sanskrit.	Bengali	Arabic.	Persian.	Armenian.	Pali.
Barisal	84	...	...	...	82	...	...	2	...	...
Baulia	49	...	...	...	48	...	...	1	...	...
Berhampur	49	...	...	...	49	...	...	...	...	...
Bhagalpur	42	...	...	...	32	...	...	10	...	...
Burdwan	90	...	...	..	89	...	...	1	...	...
Calcutta	1,237	2	30	10	1149	1	2	42	1	...
Chittagong	16	..	...	...	16	...	...	...	...	...
Cooch-Behar ...	37	...	...	...	37	...	...	...	...	...
Dacca	267	...	2	...	257	...	...	8	...	...
Hughli	86	...	...	3	79	...	...	4	...	...
Katak	41	...	...	...	32	...	2	7	...	...
Krishnagar ...	34	...	...	...	34	...	...	...	...	...
Midnapur	34	...	...	...	33	...	...	1	...	...
Patna	197	...	...	...	86	...	2	109	...	...

N.-W. PROVINCES AND OUDH.

	No of candidates	Greek.	Latin.	French	Sanskrit.	Bengali.	Arabic	Persian.	Armenian	Pali.
Agra	1	...	...	1	...	.			.	

PUNJAB.

Simla ..	2		2	..	..	.		..	.	..

CENTRAL PROVINCES.

Nagpur .. .	57		1		56			...	..	
Jabalpur ..	30	.	...		18			12	..	

CENTRAL INDIA STATES.

Indore .	16	..	..	.	10		.	6	.	..

BURMAH.

Rangoon ..	23	...	5	2	...	.	.	.	.	16

CEYLON.

Colombo ...	3	..	3		...	...			..	...
Kandy ...	7	...	6	1	..	.		...	..	..
Jaffna ...	6	. .	6	..	..	..	.	...	.	..

The following tables show the divisions in which the successful candidates from each province passed, and the religions professed :—

PROVINCES.

	Number of candidates.	Number Passed.			
		First Division.	Second Division.	Third Division.	Total.
Bengal	(a) 2,250	40	(b) 172	(c) 639	851
Assam	11	...	1	3	4
N.-W. P. and Oudh ...	(d) 2	(e) 1	(f) 1	...	2
Panjab	3	...	...	2	2
Central Provinces ...	87	1	6	39	46
Central India States ...	16	...	...	4	4
Burmah	23	...	6	6	12
Ceylon	(g) 16	...	2	6	8
Total ...	2,408	42	188	699	929

RELIGION.

BENGAL.

Hindus	2,030	36	158	572	766
Mahomedans	141	3	5	30	38
Christians	(h) 36	1	(i) 4	(j) 18	23
Others	(k) 43	...	5	(l) 19	24
Total ...	2,250	40	172	639	851

N.-W. PROVINCES AND OUDH.

Christians	(m) 2	(n) 1	(o) 1	...	2

ASSAM.

Hindus	10	...	1	2	3
Christian	1	...	...	1	1
Total ...	11	...	1	3	4

(a) Of these 11 were females.
(b) ,, 2 ,,
(c) ,, 6 ,,
(d) ,, 2 ,,
(e) ,, 1 was a female.
(f) ,, 1 ,, ,,
(g) ,, 1 ,, ,,
(h) ,, 8 were females.
(i) Of these 2 were females.
(j) ,, 4 ,,
(k) ,, 3 ,,
(l) ,, 2 ,,
(m) ,, 2 ,,
(n) ,, 1 was a female.
(o) ,, 1 ,,

PANJAB.

	Number of candidates.	Number Passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindu	1	.	...	...	...
Christians	2	..	.	2	2
Total ...	3	.	..	2	

CENTRAL PROVINCES.

Hindus...	79	1	5	37	43
Mahomedans	5	...	1	1	2
Christians	2	...	...	1	1
Other	1	...	...	...	...
Total ..	87	1	6	39	46

CENTRAL INDIA STATES.

Hindus	14	...	...	3	3
Christians	2	...	...	1	1
Total ...	16	...	...	4	4

BURMAH.

Mahomedans	2	...	1	1	2
Christians	11	...	3	5	8
Others	10	...	2	...	2
Total ...	23	...	6	6	12

CEYLON.

Hindus	2	...	...	1	1
Christians	(a) 13	...	2	5	7
Other	1	...	...	...	...
Total ...	16	...	2	6	8

(a) Of these 1 was a female.

The following statement shows the number of unsuccessful candidates of previous years that came up from each province, the number passed, and the percentage of successful candidates :—

	Number of candidates.	Number Passed.				Percentage.
		First Division.	Second Division	Third Division	Total.	
Bengal	861	1	13	243	257	29·84
Assam	6	...	1	3	4	66·66
Panjab	1	...	...	...	...	...
Central Provinces ...	22	...	...	8	8	36·36
Central India States...	4	...	...	2	2	50·
Burmah	1	...	...	...	...	...
Ceylon	4	...	...	...	...	...
Total ...	899	1	14	256	271	30·14

At the First Arts examination in February 1894, there were 2,365 candidates.

B. A. Degree Examination.

The number of candidates registered for the B. A. examination held in February 1893, was 1,279; of these, 1,032 took up the A. course and 247 the B. course

Of the 1,032 candidates in the A. course, 217 or over 21 per cent. were successful; and 815 (including 43 absentees and 1 expelled) or over 78 per cent. failed. Of the successful candidates, 178 were placed in the Pass list and 39 in the Honour lists. Of the latter, 8 obtained Honours in two subjects. Of the 47 names thus appearing in the Honour lists, 7 were placed in the first division and 40 in the second.

Of the 247 candidates in the B. course, 98 or over 39 per cent. were successful; and 149 (including 11 absentees) or over 60 per cent. failed. Of the successful candidates, 73 were placed in the Pass list and 25 in the Honour lists. Of the latter, four obtained Honours in two subjects. The number of names, therefore, in the Honour lists was 29. All were placed in the second division.

Of the whole number examined, 315 or over 24 per cent. passed, against 24 per cent. in the year 1892.

Of the 964 candidates who failed, 699 were rejected in English, 501 in Philosophy, 141 in Mathematics, 289 in the Second Languages, 86 in History, 68 in Physics and Chemistry, 1 in Physiology and Botany, 1 in Geology and Physical Geography, and 95 failed to secure the minimum in the aggregate.

The following is a comparative statement of the total number of candidates, the number passed, and the percentage of successful candidates, from each province for the years 1892 and 1893:—

	February 1892.			February 1893.		
	Number of candidates.	Number passed.	Per-centage.	Number of candidates.	Number passed.	Per-centage.
Bengal	1,170	275	23·5	1,212	292	24·09
N.-W. P. and Oudh ...	1	...	...	3	...	...
Assam	1	1	100·	2	1	50·
Rajputana ...	1	1	100·	3	—	...
Central Provinces ...	55	20	36·36	53	18	33·2
Central India States ...	...	...	...	1	—	...
Burmah	4	4	100·	4	3	75·
Ceylon	3	2	66·6	1	1	100·
Total ...	1,235	303	24·53	1,279	315	24·62

The following tables show (1) the number of candidates from each province who took up the A. and B. courses respectively, (2) the optional subjects taken up by the A. and B. candidates, and (3) the divisions in which the successful candidates were placed :—

A. COURSE.

	Number of candidates.	Second Languages.							History.		Mathematics.		Passed			
		Pass.				Honours.							With Honours.		Without Honours.	Total.
		Latin.	Sanskrit.	Arabic.	Persian.	Sanskrit.	Arabic.	Persian.	Pass.	Honours.	Pass	Honours.	First Division.	Second Division.		
Bengal	989	5	537	2	58	31	2	13	238	1	98	4	7	31	166	204
Assam	2	...	2	...	...	...	...	...	...	...	...	...	...	..	1	1
N.-W. P. and Oudh ...	2	1	...	...	...	...	...	...	1	...	...	...	...	...	.....	.....
Rajputana ...	3	...	2	...	1	...	...	...	...	...	...	...	...	...	.....	.....
Central Provinces ...	33	2	225	...	...	2	...	...	3	...	...	1	...	1	10	11
Central India States ...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	.....
Burmah	1	...	...	...	...	...	...	...	1	...	...	...	..	.	.....	.....
Ceylon	1	1	...	...	...	...	...	.	.....	...	.	...	.	...	1	1
Total ...	1032	9	566	2	59	33	2	13	244	1	98	5	7	32	178	217

B. COURSE.

	Number of candidates.	Physics and the Elements of Chemistry.		Chemistry and the Elements of Physics.		Physiology and Botany.		Geology and Mineralogy.	Geology and Physical Geo.	Passed		Total.
		Pass.	Honours.	Pass.		Pass.	Honours.	Pass.	Pass.	With Honours. Second Division.	Without Honours.	
Bengal ...	223	130	42	43		5	1	1	1	24	64	88
N.-W. P. and Oudh	1	1	.....	.....		.....	.....	.....	.....	.....	.....	.....
Central Provinces	20	13	3	2		2	.....	.....	.....	1	6	7
Burmah ...	3	3	.....	.....		.....	.....	.....	.....	.....	3	3
Total ...	247	147	45	45		7	1	1	1	25	73	98

The following is a statement of the number of candidates who failed in one subject only:—

English	104
Philosophy	26
Mathematics	16
Second Language	18
History	6

The divisions in which the candidates from each province passed, and the religions which they professed, are shown in the following tables:—

PROVINCES.	Number of candidates.	Passed. With Honours. First Division.	Passed. With Honours. Second Division.	Without Honours.	Total.
Bengal	(a)1,212	7	55	(b) 230	292
Assam	2	...	...	1	1
N.-W. P. and Oudh ...	3	...	...	...	...
Rajputana	3	...	...	...	...
Central Provinces	53	...	2	16	18
Central India States ...	1	...	...	...	...
Burmah	4	...	...	3	3
Ceylon	1	...	...	1	1
Total ...	1,279	7	57	251	315

(a) Of these 5 were females. (b) Of these 3 were females.

RELIGION.

BENGAL.

	Number of candidates.	Passed			Total.
		With Honours.		Without Honours.	
		First Division.	Second Division.		
Hindus	1,076	4	49	196	249
Mahomedans	66	3	3	18	24
Christians	(c) 15	...	2	(d) 4	6
Others	(e) 55	...	1	(f) 12	13
Total ...	1,212	7	55	230	292

ASSAM.

Hindus	2	...	...	1	1

N.-W. P. and OUDH.

Hindus	1	...	...	...	...
Christians	2	...	...	...	...
Total ...	3	...	...	...	...

RAJPUTANA.

Hindus	3	...	...	...	...

CENTRAL PROVINCES.

Hindus	48	...	2	14	16
Mahomedans	2	...	...	...	...
Christians	2	...	...	1	1
Other	1	...	...	1	1
Total ...	53	...	2	16	18

CENTRAL INDIA STATES.

Hindu	1	...	...	...	...

BURMAH.

Christians	3	...	...	2	2
Other	1	...	...	1	1
Total ...	4	...	...	3	3

(c) Of these 2 were females.
(d) ,, 2 ,, ,,
(e) Of these 3 were females.
(f) ,, 1 was a female.

CEYLON.

	Number of candidates.	Passed			Total.
		With Honours.		Without Honours.	
		First Division.	Second Division		
Other	1	...	...	1	1

The following statement shows the number of unsuccessful candidates of previous years who came up from each province and the number passed :—

A. Course.

	Number of candidates.	Passed				Percentage.
		With Honours.		Without Honours.	Total.	
		First Division.	Second Division			
Bengal	546	2	9	97	108	19·96
Assam	1	...	...	1	1	100·
N.-W. P. and Oudh ...	2	...	...	...	...	.....
Rajputana ...	2	...	...	...	...	.....
Central Provinces ...	13	...	...	5	5	38·46
Ceylon	1	...	...	1	1	100·
Total ...	565	2	9	104	115	20·03

B. Course.

Bengal	86	...	1	23	24	27·9
N.-W. P. and Oudh ...	1	...	...	...	...	... ..
Central Provinces ...	9	...	...	2	2	22·2
Total ...	96	...	1	25	26	27·08

At the B. A. examination in February 1894, there were 1,430 candidates.

Examination for the degree of M. A.

The M. A. examination was held in November 1893. There were 132 candidates for that degree, of whom 59 were successful and 73 (including 17 absentees and 1 expelled) failed. Of the 13 candidates who were placed in the first class, 5 passed in English, 1 in Mathematics, 4 in Physics (A), and 3 in Physics (C).

The institutions from which the candidates came up, the subjects of examination, and the number passed, are shown in the following table :—

M. A. EXAMINATION.

Names of Institutions.		English.	Sanskrit.	Persian.	Philosophy.	Mathematics.	Chemistry (A.)	Physics (B.)	Physics (C.)	Physics (E.)	Total.
Agra College ...	No. passed.	...	...	1	...	...	...	...	...	...	1
	No. of candidates.	...	...	1	...	...	...	...	...	...	1
City College ...	No. passed.	...	...	...	...	...	...	1	...	...	1
	No. of candidates.	...	...	...	...	...	...	3	...	...	3
Dacca College ...	No. passed.	...	...	...	...	...	...	...	1	...	1
	No. of candidates.	2	...	...	...	...	...	...	1	...	3
F. C. of Scotland's Institution and Duff College.	No. passed.	...	...	...	...	...	...	...	...	...	...
	No. of candidates.	...	...	...	1	...	...	...	...	...	1
General Assembly's Instn.	No. passed.	7	...	...	...	6	...	...	...	...	13
	No. of candidates.	7	...	...	...	6	...	...	...	...	13
Hislop College ...	No. passed.	...	1	...	...	...	...	...	...	...	1
	No. of candidates.	...	1	...	...	...	...	...	...	...	1
Metropolitan Institution ...	No. passed.	3	...	...	2	3	6	...	6	...	29
	No. of candidates.	7	...	...	6	6	6	...	6	...	56
Presidency College ...	No. passed.	12	...	...	4	...	...	...	...	1	8
	No. of candidates.	32	...	...	6	2	...	...	...	1	35
Private Students ...	No. passed.	3	1	...	...	...	...	...	...	...	1
	No. of candidates.	25	1	...	...	...	...	...	...	...	2
Ravenshaw College ...	No. passed.	2	...	...	...	...	...	...	...	...	2
	No. of candidates.	2	...	...	...	...	...	...	...	...	5
Sanskrit College ...	No. passed.	...	4	...	...	...	...	...	...	...	4
	No. of candidates.	...	5	...	...	...	...	...	...	...	5
St. Xavier's College ...	No. passed.	1	...	...	1	...	...	...	...	...	1
	No. of candidates.	1	...	...	2	...	...	...	...	...	3
Teachers ...	No. passed.	...	...	...	...	...	...	1	...	...	1
	No. of candidates.	...	...	...	...	...	...	1	...	...	1
Victoria College, Cooch-Behar	No. passed.	...	...	...	...	...	...	...	...	...	...
	No. of candidates.	...	...	...	...	...	...	...	...	...	...
Total ...	No. passed.	23	4	1	7	8	6	2	7	1	59
	No. of candidates.	77	7	1	15	14	6	4	7	1	132

Premchand Roychand Studentship Examination.

The examination for the Premchand Roychand Studentship was held this year in Literary subjects. Applications were received from 4 candidates, of whom 2 presented themselves for examination. On the result of the examination, a studentship of Rs. 1,600 a year, tenable for five years, was awarded to Florence Mary Holland.

Law Examinations.

At the B. L. examination held in November 1893, there were 318 candidates, of whom 68 were successful, 27 were absent, and 223 failed. Of the successful candidates, 1 was placed in the first division and 67 in the second. On the recommendation of the Examiners, the Syndicate awarded a gold medal to Hirendranath Datta, of the Metropolitan Institution, who stood first in the first division. The Colleges from which they passed are shown in the following tables :—

	Number of candidates.	Number Passed.	
		First Division.	Second Division.
Berhampur College	4	...	1
City College	58	...	12
Dacca College	16	...	3
Hughli College	11	...	2
Jagannath College	1	...	...
Krishnagar College	4	...	...
Metropolitan Institution	71	1	11
Morris College	5	...	2
Muir Central College	1	...	...
Patna College	22	...	9
Presidency College	1	...	1
Queen's College, Benares	1	...	...
Rajchandra College, Barisal	2	...	2
Rajshahye College	3	...	...
Ravenshaw College...	2	...	...
Ripon College	110	...	22
T. N. Jubilee College	3	...	...
Victoria College, Cooch-Behar... ...	3	...	2
Total ...	318	1	67

For the examination for Honours in Law held in November 1893, there were two candidates, of whom one passed and one failed.

Babu Asutosh Mukhopadhyay, M.A., B.L., having fulfilled the conditions laid down in the Regulations for the degree of Doctor in Law, was admitted to the degree at the last Convocation.

Examinations in Medicine.

For the Preliminary Scientific L. M. S. examination held in March 1893, there were 49 candidates, including 1 female, of whom 29 passed (including one female) and 20 failed.

For the First L. M. S. examination held in March 1893, there were 49 candidates including one female, of whom 26 passed, 20 failed, and 3 were absent.

For the Combined Preliminary Scientific and First L. M. S. examination held in March 1893, there were 3 candidates, of whom 1 passed the combined examination and 2 attained the standard of the Preliminary Scientific examination.

For the Second L. M. S. examination held in March 1893, there were 17 candidates, of whom 11 appeared for re-examination in the subject or subjects in which they were rejected at the examination of 1892. Of these 10 passed and 7 failed.

For the Second L. M. S. re-examination held in January 1894 there were 5 candidates all of whom passed.

For the Preliminary Scientific L. M. S. examination held in March 1894, there were 87 candidates, including 1 female.

For the First L. M. S. examination held in March 1894, there were 58 candidates, including 2 females.

For the combined Preliminary Scientific and First L. M. S. examination held in March 1894, there were 10 candidates.

For the Second L. M. S. examination held in March 1894, there were 15 candidates.

For the Preliminary Scientific M. B. examination held in April 1893, there were 52 candidates, including 1 female, of whom 12 passed in the second division and 40 failed. Of the candidates who failed, 18 attained the standard of the Preliminary Scientific L. M. S. examination, 12 of whom had already passed that examination.

For the First M. B. examination held in April 1893, there were 17 candidates, including 1 female, of whom 9 passed in the second division, 1 was absent and 8 failed.

For the Combined Preliminary Scientific and First M. B. examination held in April 1893, there were 17 candidates, one of whom passed only the Preliminary Scientific M. B. examination in the second division, 2 were absent and 14 failed. Of the candidates who failed, 6 attained the standard of the Preliminary Scientific L. M. S. examination, 2 of whom had already passed that examination.

For the Second M. B. examination held in April 1893, there were 4 candidates, of whom 2 passed, one in the first division, 1 in the second, and 2 failed.

For the examination for Honours in Medicine, there was 1 candidate, who passed.

Examinations in Engineering.

There were 22 candidates for the First Examination in Engineering, of whom 15 passed in the second division and 7 failed. There were 12 candidates for the Licence in Engineering, of whom 3 passed in the second division, 1 was absent and 8 failed. There were 4 candidates for the B. E. examination, of whom 2 passed and 2 failed. Both of the successful candidates were placed in the second division.

Tagore Law Professorship.

At a meeting of the Senate held on the 19th of August, 1893, Sir Frederick Pollock, Bart., was elected Tagore Professor of Law for the term of one year, from the 1st of November, 1893. The subject on which the Professor has delivered a course of lectures is the Law relating to Fraud, Misrepresentation and Mistake in British India.

New Fellows.

The following gentlemen were appointed Fellows of the University by His Excellency the Governor-General in Council in January 1894:—

The Hon'ble Mr. Justice C. H. Hill, M.A.
The Very Rev. Vincent Naish, S.J.
Surgeon-Major Gerald Bomford, M.D.
J. S. Zemin, Esq.
Maulavi Shams-ul-Huda, M.A., B.L.
Babu Herambachandra Maitra, M.A.
,, Srischandra Chaudhuri, M.A., B.L.
,, Ramendrasundar Trivedi, M.A.

The last three Fellows were, under the orders of His Excellency the Chancellor, elected by the Masters of Arts or holders of higher degrees in some Faculty, and Bachelors of Arts who graduated before the year 1867.

They were disributed by the Syndicate among the different Faculties as follows:—

The Very Rev. Vincent Naish, S.J.	...	In Arts.
J. S. Zemin, Esq.	...	
Babu Herambachandra Maitra, M.A.	...	
,, Srischandra Chaudhuri, M.A., B L.	...	
,, Ramendrasundar Trivedi, M.A.	...	
The Hon'ble Mr. Justice C. H. Hill, M A.	...	In Law.
Maulavi Shams-ul-Huda, M.A, B.L.	...	
Surgeon-Major Gerald Bomford, M.D.	...	In Medicine.

Affiliation.

The following Institutions have been affiliated in Arts.

In Arts.

Canadian Mission College, Indore.	Up to the B.A. Standard.
Jaffna College.	
Indian Association for the Cultivation of Science	Up to the F. A. Standard in Physics and Chemistry
Calcutta Boys' School ...	Up to the F.A. Standard.

Government Scholars.

The following Rules for Indian Government Scholars in England (as amended by Secretary of State in Council, 11th July, 1893,) have been substituted for those printed in the University Calendar for 1893, page 213.

RULES FOR INDIAN GOVERNMENT SCHOLARS IN ENGLAND.

(*As amended by the Secretary of State in Council, 11th July*, 1893.)

1. Every scholar shall, on reaching England, at once present himself at the India Office, and report his arrival in writing.

2. Every scholar shall, without any unnecessary delay, inform the Secretary of State to which University he intends to proceed, and shall at once take steps to enter himself at the College he has selected.

3. Every scholar shall, within four weeks of reaching England, submit for the approval of the Secretary of State a statement showing the general course of study he proposes to follow; and the course approved shall not be changed without the sanction of the Secretary of State.

4. Every scholar shall, at the end of each term of residence at a University, submit to the Secretary of State a certificate from the proper College or University authority, showing that his residence, conduct, and progress in study have been satisfactory during the term.

5. Every scholar shall at all times obey such instructions as he may receive from the Secretary of State.

6. Subject to a due compliance with the above conditions, the allowance, at the rate of 200*l.* a year for three

years, will be paid quarterly, in advance, by the India Office, commencing from the date of the scholar's reporting his arrival in England; but this allowance shall be reduced by the amount of any other sum which may become payable to him out of the revenues of India in respect of residence at a University during the same period or any part of it.

7. Every scholar will forfeit his scholarship who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to complete a residence of three years in England according to the terms and conditions approved by the Secretary of State under Rule 3, or who is guilty of misconduct or disregard of the orders of the Secretary of State. If a scholarship be forfeited, the scholar will lose his claim to a free return passage to India, and will further become liable to refund the cost of his free passage to England.

8. The scholars will be under the special supervision and charge of the Political Aide-de-Camp to the Secretary of State, through whom the necessary orders will be given, and to whom all reports and other communications respecting them should be sent.

Changes in the Regulations.

The following changes in the Regulations for the Engineering examinations have been passed by the Senate and approved by His Excellency the Governor-General of India in Council.

1. In page 66 of the University Calendar for 1893 for—

"II. NATURAL SCIENCE.

CHEMISTRY.

Inorganic Chemistry. The metals and non-metals.

PHYSICS.

Light, Heat, Electricity, Magnetism, and the Elements of Telegraphy."

The following have been substituted:—

"II. NATURAL SCIENCE.

CHEMISTRY.

I. *Pure Chemistry.*—Preparation and properties of oxygen and hydrogen. Detonating mixture; synthesis and analysis of water; its physical and chemical properties. Direct oxidation of non-metals and metals. Fundamental laws of chemistry. The atomic theory. Chemical nomen-

clature and notation. Avogadro's law. Ozone. Hydrogendioxide. Preparation and properties of the halogens. Their compounds with hydrogen. Oxides and oxy-acids of chlorine. Sulphur; sulphuretted hydrogen; oxides and chlorides; sulphuric acid. Nitrogen; ammonia; nitric acid; oxides. Phosphorus; modifications; oxides and oxy-acids; chlorides. Arsenic and antimony; oxides, chlorides sulphides. Hydrogen compounds of phosphorus, arsenic, antimony. Boron; boracic acid. Silicon; silicon dioxide, silicic acid; chloride and fluoride; hydrofluosilicic acid, Carbon; its oxides; carbon disulphide; methane, ethylene; cyanogen, hydrocyanic acid. Composition of air; determination of moisture and carbon dioxide in air; combustion, nature of flame. Physical and chemical properties of metals. Action of air and acids on metals. Constitution and properties of acids, bases, and salts. Alloys and amalgams. General methods of preparing oxides, sulphides, hydroxides, haloid salts, nitrates, sulphates, carbonates, phosphates. General properties of salts; solubility; nature of solutions; mutual action of salts in solution; natural waters. The most important sources of the metals used in the arts; the chemistry of their methods of extraction. Determination of molecular formulas and atomic weights; vapour density; isomorphism; specific heat, atomic and molecular heat; depression of freezing point and of vapour pressure. Classification of elements according to atomicity. Theory of compound radicals. The periodic law.

II. *Chemical Energetics.*—A. *Thermo-chemistry.*—Object. Methods of investigation. Calorimeters for solutions and combustion. Thermo-chemical notation (Ostwald's). Thermal units. The fundamental laws of thermodynamics. Cycles. Relation between chemical reactions and entropy. Allotropy. Hess' principle. Heat of combustion and formation; calculation of heat of formation. Neutralisation; behaviour of the more important mono-, di-, and tribasic acids. Dissociation; typical examples; connection with temperature and pressure. Thermal changes attending solution and hydration. Exothermal and endothermal reactions. Application of the principles of thermo-chemistry to the solution of technical problems.

B. *Photo-chemistry.*—Actinometers; Bunsen and Roscoe's experiments. The laws of photo-chemical induction. Contact effects. Assimilation of carbon by plants; storage of solar energy. Action of light on salts of silver, iron, chromium, uranium.

C. *Electro-chemistry.*—Faraday's laws. Electro-chemical equivalents. Calculation of E. M. F. of galvanic elements. Differences of potential due to contact of metals and electrolytes. Electrolytic conduction; polarization.

III. *Chemical Technology.*—Chlorine. Bromine. Iodine. Hydrochloric, sulphuric, nitric acids. Softening of water on a large scale. Phosphorus. Coal gas. Caustic potash and soda. Nitre. Gunpowder. Pearl-ash. Potassium bichromate. Common salt. Borax-Sodium carbonate. Chili saltpetre. Sal ammoniac. Magnesium. Quicklime. Mortar. Portland cement. Bleaching powder. Plaster of Paris. Glass, stoneware, pottery and porcelain. Alums. Blanc-fixe; zinc white; white and red lead. Verdigris; silicate paint; chromes; oxide of iron paints. Silver-nitrate. Manufacture of tin plate; galvanized iron.

IV. *Practical Exercises.*—Qualitative analysis of solutions containing K, Na, NH_4, Mg, Ca, Sr, Ba, Zn, Ni, Co, Fe, Al, Cr, Cd, Cu, Hg, Pb, Bi, Sn, Sb, As, Au, Ag. Analysis of chlorides, sulphates, nitrates, nitrites, carbonates, phosphates and silicates. Quantitative analysis of brass, bronze, and bar-silver. Acidimetry and alkalimetry. Determination of iron in iron ores and in samples of iron by volumetric analysis. Assaying of iron ores in the dry way. Determination of sulphur and phosphorus in iron ores and pig-iron. Determination of carbon in commercial iron. Determination of gold by Skey's process. Action of water on lead. Testing of drinking water for ammonia, nitrates, nitrites, sodium chloride, lead, and copper; colorimetric tests; determination of hardness by Clark's soap test. Analysis of limestones.

PHYSICS.

I. *Heat.*—Expansion; Ramsden, weight-thermometer; Pierre Regnault's experiments on the absolute expansion of mercury and the expansion of gases. Charles' law. Principals of thermometry. Temperature as measured by the expansion of solids, liquids, and gases. Mercurial thermometer; air-thermometer. Thermometers for various purposes. Density of solids, liquids, and gases. Absolute temperature. Calorimetry. Specific heats of solids and liquids; method of mixture, Regnault; Bunsen's ice-calorimeter. Specific heat of gases—at constant pressure, Regnault; at constant volume,

Röntgen. Dulong and Petit's law; Naumann's law modified by Regnault. Changes of state of aggregation. Regelation. Critical temperature; Andrews' experiments. Measurement of heat of fusion and vaporisation. Influence of pressure on melting and boiling-point. Methods of liquefying gases. Maximum pressure of vapours; Dalton, Regnault; pressure of saturated steam below and above 100° C. Vapour densities; Hofmann's, V. Meyer's methods. Hygrometry; Regnault's hygrometer; Psychrometer. Conduction; variable and permanent stages. Simple cases of steady flow across a plate and along a bar; Wiedemann and Franz' experiments. Convection. Joule's determination of the mechanical equivalent of heat.

II. *Statical Electricity.*—Electrification by friction. Modern electroscopes. Icepail experiment. Induction. Ramsden's machine. Electrophorus. Voss' and Whimhurst'ns influence machines. Electric work and energy. Indicator diagram of electric work. Exploration of electric field. Potential at any point of the field. Lines and tubes of force. Equi-potential surfaces; lines of induction. Method of drawing lines of force and equipotential surface. Measurement of electricity; torsion balance, attracted disc electrometer, quadrant electrometer. Dimensions. Electrostatic units. Capacity. Condensers; electrification of two concentric spheres; Leyden jar, Lodge's hydraulic model. Specific inductive capacity. Absolute measurement of capacity; statical comparison of capacities; measurement of specific inductive capacity; standard air condenser.

III. *Current Electricty.*—Chemical and thermal methods of producing currents; Daniell, Grove, Bunsen, Leclanché, Meidinger, Smee; ther mopile, thermo-electric battery. Pyro-electricity. Classifica tion of bodies as regards transference of electricity. Electrolytic conduction. Electrolysis of fused compounds and saline solutions. Faraday's laws. The voltameter. Metallic conduction. Ohm's law. Kirchhoff's laws. Units of resistance. Poggendorff's rheochord. Resistance coils. Wheat stone's bridge. Resistance of battery. Resistance of galvanometer. Electromotive force. Standard cells—Raoult, Lodge, Latimer Clark. Deter mination of electromotive force; statical method; Fechner's and Ohm's methods. Poggendorff's compensation method. Relation of electricity to heat; Joule's law; Lenz' experiments

Gaseous conduction. Disruptive discharge. Currents regarded as moving charges; Rowland's experiments. Flow of electricity and cow of electric energy; outlines of Poynting's theory. Phenomena attendant on the starting, stopping and varying of a current. Oscillating discharges.

IV. *Magnetism.*—Fundamental experiments. Magnetic field. The earth a magnet; magnetic elements; declination theodolite; dipcircle; bifilar magnetometer. Methods of magnetization. Relation of magnetism to electricity. Oersted's experiment. Tangent and Sinegalvanometers; Thompson's reflecting galvanometer; Wiedemann's two-coil galvanometer. Electro-dynamic experiments; the solenoid. Solenoidal magnets and magnetic shells. Electro-magnets; types. Permeability and methods of measuring it; its relation to temperature and mechanical stress; critical temperature, its relation to other physical properties. Magnetic hysteresis. Magnetic flux, magnetomotive force, reluctance. The law of traction. Induction of currents; Lenz' law. Direction of induced currents specified by reference to lines of magnetic force. Movement of lines of force with change of magnetization. Self-induction. Ruhmkorff's coil. Electro-magnetic units. Theories of magnetism.

V. *Radiant Energy.*—Laws of a vibrating particle. Harmonic vibrations. Transverse and longitudinal waves. Interference of wavestr avelling in the same and in opposite directions. Stationary waves. Composition of undulations; elliptical, and circular, rectilinear vibrations. Huyghen's principle. Reflection and refraction of thermal, luminous and electric waves. Velocity of propagation; Foucault's and Fizeau's experiments. Plane, spherical, and parabolic mirrors. Single tion. Prisms and lenses. Minimum deviation. Determina- and double refraction of refractive indices of solids and liquids. Melloni's experiments on radiant heat. Hertz' experiments on electric radiations. Outlines of Maxwell's theory of light. Dispersion. Spectroscope and spectra. Conditions of achromatism. Absorption of aëtherial waves: diathermancy and athermancy; coloured bodies.

VI. *Applied Physics.* (*a.*) *Heat.*—Pyrometers: Wilson, Siemens, Le Chatelier. The double-acting steam engine, Ice-making machines, Otto's gas engine, Petroleum engines.

(*b.*) *Light.*—The sextant. Photometry; Ayrton's dispersion Photometer. Telescopes. Microscopes. The camera obscura; principles of photography.

(*c.*) *Electricity and Magnetism.*—Electro-metallurgy. Telegraphy and Telephony. Batteries in common use. Signals. Single needle instrument; sounder; Siemens' ink-writer; Siemens' A. B. C. Relative merits. Siemens' relay. Line current, local current, double current working; translation. Duplex telegraphy; differential and bridge principle. Overground lines; supports, their preservation; insulators. Faults in instruments; on line; total, partial, intermittent. Testing; Wheatstone's bridge; localising faults, loop test. Lightning conductor, Terminal, single and multiple points; earth connection, its importance; the conductor's proper material, form; joints; clips and brackets; ridge circuits; incidental connections, gas and waterpipes; space protected; protection of dwelling houses, magazines, chimneys; periodical inspection and testing; older and modern theories. The telephone and microphone. Electric bells and indicators. Dynamo-electric machinery. The ideal simple dynamo and motor; connection between counter-electromotive force and maximum work. Efficiency. Causes of loss of energy. Types of armatures; armature coils and cores. Field magnets. Pole pieces. Field magnet coils. Commutators, collectors; brushes, brush-holders. Curves of potentials and induction. Reaction of armature and field. Lead of brushes; angle of lead. Methods of exciting field magnets. Classification of Dynamos. Examples of Dynamos, continuous and alternate, according to modern practice. Characteristics.

Transmission of electric energy. Accumulators. Transformers. Air-lines; insulators, testing; modes of attaching the wire; materials for wires; joints; lightning protectors. Underground conduits; the three-wire system, lead covered cables. Comparison with other methods of transmitting energy.

Motors; Reckenzaum, Immisch. Appliances: electric pumping plant, electric tramways, telpher lines; electric mining machinery. Electric lighting. The Brush lamp. Incandescent lamps. Electric welding. Electric measurements and measuring apparatus. The volt and ampère.

Ayrton's sulphuric acid voltameter. Calibration of galvanometers. Methods of shielding galvanometers. Proportional galvanometers. Ampère-meters and voltmeters. Ampère-balances. The ballistic galvanometers. Permanent magnet meters. Ayrton's spring meters; Siemens' electro-dynamometer; Ayrton's magnifying spring ammeter. Gravity control meters. Electro-magnetic control meters. Relative merits; testing for accuracy; calibration by the calorimeter and the voltameter methods. Cardew's voltmeter. The Ohm; resistance coils; the shunt-box. Commercial Ohmmeters. The Farad and microfarad. The Watt.

2. In page 68 of the University Calendar for 1893 for—

"II.—NATURAL SCIENCE.

Geology.—Excluding Palæontology and the stratigraphical classification based thereon, with special reference to the practice of mining.

Mineralogy.—The form of minerals. The physical, optical, and chemical character of minerals. The distribution of minerals. Paragenesis.

Metallurgy.—The metallurgy of iron, steel, tin, copper, zinc, lead, mercury, silver and gold."

the following have been substituted :—

"II.—NATURAL SCIENCE.

GEOLOGY.

Object of Geology. Its relation to other sciences. The doctrine of uniformity; its limits.

(*a.*) *Astronomical Geology.*—Information obtained from meteorites and by the spectroscope. The nebular theory. Origin of internal heat. Climate in its geological relations; glacial and mild periods; Croll's theory as modified by Wallace.

(*b.*) *Geognosy.*—The globe and its envelopes. Shape and nature of globe; density; probable internal condition; evidences of pressure and internal heat. The age of the earth's crust; Tait's and Wallace's views. Persistence of continental ridges and abysmal depressions.

(*c.*) *Petrography.*—Microscopic characters of rocks. Microscopic elements; their importance in the study of the history of rocks. Microscopic characters of quartz, orthoclase, plagioclase, augite, hornblende, calcite. Essential

and accessory constituents. Classification of rocks. Microscopic characters and essential constituents of the following rocks: limestone, dolomite, quartzite, jasper, hornstone, amphibolite; gneiss, micaceous and chloritic schists, phyllite; granite, quartz-porphyry; syenite, trachyte, phonolite, obsidian, pumice, diorite; diabase dolerite, plagioclase-basalt; sand and gravel, sandstones, conglomerates, breccias, shale, clay; laterites; tuffs; shell-marl, coral-limestone, chalk, crinoidal limestone; tripolite, flint; guano; peat, lignite, coal, anthracite; graphite, oil-shale, petroleum, asphalt; bog-iron ore, clay-ironstone.

(*d.*) *Dynamical Geology.*—Volcanic phenomena; description of volcanoes: kind, shape, distribution; theories of vulcanicity. Hot springs. Earthquakes. Upheaval and depression. Geological functions of air. Geological functions of water and ice; denudation and deposition; river valleys, peculiarities of Indian rivers; glacial erosion; formation of lakes. Geological functions of plants and animals; coral Islands, Darwin's and Murray's theories.

(*e.*) *Petrogenetic Geology.*—Origin of granite, syenite, diabase, diorite, basalt. Origin of sedimentary rocks; minerogen, phytogen, and zoogen sedimentary rocks; theories on the origin of coal-beds and of petroleum; origin of laterite. Origin of metamorphic rocks; theories of metamorphism; local and regional metamorphism; origin of rock cleavage. Ore deposits; origin and classification.

(*f.*) *Architectonic Geology.*—Forms of bedding. Surface markings. Concretions. Relative persistence of strata. Overlap. Unconformability. Groups of strata. Jointing. Faults, Origin and kinds. Strike and dip; outcrop. Monocline, syncline, anticline. Intrusive phase of eruptivity; bosses, sheets, veins and dykes, necks. Interbedded phase of eruptivity; lavas, tuffs.

(*g.*) *Palæontological Geology.*—Object. Condition for the entombment of organic remains. Preservation of organic remains in mineral masses, fossilization. Uses of fossils in geology.

(*h.*) *General Historical Geology.*—Leading principles in stratigraphy. Equivalent strata; absent strata and formations. Outline sketch of the geological record of Europe.

(*i.*) *Indian Geology.*—Peninsular area. The metamorphic series. The transition series. Lower and Upper Vindhyans; Vindhyan basin. The Gondwána system; geological positions and characters; probable fluviatile origin. Relation of Gondwána basins to existing valleys; lower and upper groups: Talchir—Kaharbari, Barakar ironstone shales,

Raniganj ; Rajmahal. The most important coalfields. The Deccan trap series: area and petrology. Laterite distribution, age. Post-tertiary and recent formations: older river gravels and clays ; kankar. The Indo gangetic plane ; upland and alluvial soils, red soil, regur, peat. General outlines of the geology of the Himalayan area.

(*j.*) *Physiographical Geology.*—Terrestrial features due to disturbance of crust ; monoclinal, symmetrical, unsymmetrical, reversed flexures ; alpine type of mountain structures. Features due to volcanic action ; the Deccan trap area. Features due to erosion ; Indian examples.

(*k.*) *Field Geology.*—Geological surveying instruments ; tracing of boundaries and faults. Sections ; how to find direction and amount of dip ; Dalton's construction, clinometers. Levelling ; surface profile, datum level, bench marks ; methods of geological levelling ; Abney's level. Lithology ; practical exercises in the identification of Indian rocks.

MINERALOGY.

Province of mineralogy. Its relation to other sciences.

1. *Physical Mineralogy—*

(*a.*) Properties of minerals independent of direction. Density and specific gravity. Methods of determining specific gravities—hydrostatic balance ; pycnometer ; Jolly's balance ; floatation methods.

(*b.*) Properties of minerals dependent on direction. *Elasticity.*—Relation of co-efficient of elasticity to direction. Surfaces of elasticity. Method of determining co-efficients of elasticity in minerals ; Koch's apparatus ; classification of minerals with reference to elasticity. Physical definitions of 'crystal.'

Cohesion.—Cleavage. Fracture. Hardness: Moh's scale ; sclerometric methods ; Hertz' definition ; Auerbach's experiments. Corrosion figures.

Optical properties of minerals.—Kind and degree of lustre. Double refraction and polarization ; Nicol's prism, tourmaline forceps. Classification of crystals according to their optical properties. Examination of crystals in parallel and convergent polarized light ; polarization microscope. Circular polarization. Absorption of light ; pleochroism.

Thermal properties.—Good and bad conductors ; conductivity of single and double refracting crystals. Expansion.

Electric properties.—Good and bad conductors; pyro—, actino—, and piezo-electricity. Hankel's researches.

Magnetic properties.—Para—and dia-magnetic minerals.

II. *Crystallographic Mineralogy—*

Relation of physical properties to geometrical form; arrangement of molecules. Crystalline form; faces. Planes of reference; axes; parameters; indices; symbols. Law of rationality of indices. Principles of Miller's and Naumann's notation. Fundamental form; its selection. Symmetry; planes and axes of symmetry; principal and common planes. Classification of crystals. The six crystallographic systems characterised with reference to planes of symmetry. Simple forms and combinations. The holohedral forms of the regular system considered as modifications of the hexakisoctahedron. Combinations of the hexahedron, octahedron, and rhombic dodecahedron. The holohedral forms of the remaining five systems. Close and open forms; prismatic, tabular, and pyramidal habit. Nature of hemihedrism. Hemihedrism in the regular, hexagonal and tetragonal systems. Nature of tetartohedrism; trapezohedral tetartohedrism in the hexagonal system, quartz. Distinction between apparently holohedral forms and real ones. Hemimorphism. Crystallographic mimicry—leucite, sal ammoniac. Groth's method of deducing hemihedral and hemimorphous forms from holohedral forms. Isomorphism and heteromorphism; isomorphous groups of elements, the isoheteromorphous series of the calcite-aragonite group, of the hornblende-augite group, and of the felspars. Morphotropism and isogonism. Twinning; twinning plane, twinning axes, composition plane; twins, with parallel and non-parallel axes; contract and penetration twins; distinctive features of twins; polysynthetic crystals; twin striation and combination striation. Crystalline aggregates; druses. Pseudomorphism; pseudomorphs by incrustation, substitution, and alteration; paramorphs.

III. *Chemical Mineralogy.—*

Calculation of formula. Groth's classification of minerals. Group tests.

IV. *Descriptive Mineralogy—*

A somewhat detailed description of the following minerals :—

Elements :—diamond, graphite, sulphur, bismuth, copper, silver, gold, platinum.

Sulphides :—pyrite, marcasite, arsenopyrite, leucopyrite, pyrrhotite ; galenite, chalcocite, chalcopyrite, bornite, argentite, sphalerite, cinnabarite, antimonite.

Sulphosalts :—tetrahedrite.

Oxides :—cuprite ; corundum, hematite, menaccanite ; spinel, magnetite, chromite ; quartz, opal, cassiterite, pyrolusite ; gœthite, limonite.

Oxy-salts :—(a) carbonates—calcite, magnesite, siderite, dolomite ; aragonite, witherite, strontianite, cerussite ; azurite, malachite.

(b.) Sulphates :—anhydrite, barite ; gypsum.

(c) Phosphates :—apatite.

(d.) Silicates :—tourmaline ; epidote, olivine ; garnet leucite ; nephelite ; muscovite, biotite, lithiummica ; chlorite, rhipidolite ; talc, serpentine ; apophyllite, stilbite, heulandite, scolecite ; augite, hornblende ; orthoclase, microcline, albite, indianite, oligolase, labradorite ; kaolinite.

Haloid salts :—halite ; fluorite ; cryolite.

v. *Determinative Mineralogy—*

Determination of specific gravities. Use of the scale of hardness. Exercises at the polarization microscope. Measurement of angles by the aid of contact and reflecting goniometers. Separation of rock-forming minerals by floatation and by the electro-magnet. Blow-pipe analysis. Identification of Indian minerals by the aid of Brush's or any other manual of determinative mineralogy.

METALLURGY.

Physical properties of metals.—Testing machines ; influence of impurities on the properties of iron and copper.

Alloys, Effect of temperature changes on metals and alloys, with special reference to steel ; annealing, hardening, tempering.

Fuel.—Classification; manufacture of coke; Wilson's gas producer; water gas; absolute, specific, and pyrometric heating power; assay of coal; calorimeter.

Materials.—Ores; fluxes; slags; oxidising and reducing agents; calculation of furnace charges.

Furnaces.—Hearths; for roasting, refining, and liquation; shaft furnaces; iron blast-furnace, Rachette, Pilz, Cupola; reverberatory furnaces; puddling-furnace, furnaces used in the smelting for copper and tin; cupellation; closed vessel furnaces; Deville's blast furnace; furnaces used in the reduction of blende and cinnabar, and in the manufacture of cement steel, the converter. Means of supplying air: chimneys, blowing engines, Cowper's and Whitwell's stoves.

Metallurgical processes.—Classification; outlines of typical processes: blast-furnace-process: puddling Dank's furnace; Siemens' open hearth; Siemens-Martin; Bessemer, bassic process; Darby's recarburisation process; tungsten steel, mitis metal. The Idria process. Tin smelting. Extraction of zinc by the Belgian and Silesian methods. Heroult's aluminium process. Welsh process of extracting copper from copper pyrite. Lead smelting. Flintshire. Extraction of silver from lead, Parkes, Patinson, Cupellation. Concentration of gold in batteries, modern pan amalgamation. Wet processes as practised in America. Plattner's chlorine process. Methods of producing sound castings.

General considerations. Capital and labour; causes of failure."

In para. 2 of the Bye-laws relating to the Board of Accounts the words "The three members shall constitute a quorum" have been added.

The following correspondence regarding the recognition of the medical degrees granted by the Universities of Calcutta and the Panjab, by the General Council of Medical Education and Registration of the United Kingdom, was forwarded to this office under endorsement No. 56, dated the 17th February, 1894, from the Secretary to the Government of India in the Home Department—

INDIA OFFICE;

Public (Educational). *London, the 28th December,* 1893.

No. 155.

TO HIS EXCELLENCY the MOST HONOURABLE the GOVERNOR-GENERAL of INDIA in COUNCIL.

MY LORD MARQUIS,

With reference to your letters (Education), Nos. 3 and 9, dated the 3rd May last, and the 22nd August last, respectively, I forward, for the information of your Excellency in Council, copy of a correspondence with the Council of Medical Education and Registration of the United Kingdom on the subject of the recognition of the degress of the Universities of Calcutta and the Panjab.

To Registrar, dated 27th May, 1893.
To Registrar, dated 15th September, 1893.
From Registrar, dated 8th December, 1893.

I have the honour to be,
MY LORD MARQUIS,
Your Lordship's most obedient, humble Servant,
KIMBERLEY.

No. J. and P. 1023, dated India Office, London, the 27th May, 1893.
From—SIR ARTHUR GODLEY, K.C.B., Her Majesty's Under Secretary of State for India,
To—The Registrar, General Council of Medical Education and Registration of the United Kingdom.

With reference to your letter of the 1st June, 1892, I am directed by the Earl of Kimberley to forward, for the consideration of the General Medical Council, a copy of a Despatch from the Government of India, transmitting an application from the University of Calcutta for recognition of its Medical degrees, together with a copy of the Calcutta University Calendar for 1892.

No. 3 of 1893 and Calendar.

No. J. and P. 1742, dated India Office, London, the 15th September, 1893.
From—GEORGE W. E. RUSSELL, Esq., Her Majesty's Under Secretary of State for India,
To—The Registrar, General Council of Medical Education and Registration of the United Kingdom.

With reference to your letter of the 1st June, 1892, I am directed by the Earl of Kimberley to forward, for the consideration of the General Medical Council, a copy of a Despatch from the Government of India transmitting an application from the Government of the Panjab for the recog-

No. 9 of 1893 and copy of Regulations.

nition of the medical degrees granted by the Panjab University, together with a copy of the Regulations controlling the grant of these degrees.

No. 5073, dated London, the 8th December 1893.

From—W. J. C. MILLER, Esq., Registrar, General Council of Medical Education and Registration of the United Kingdom.

To—Her Majesty's Under Secretary of State for India.

Referring to your letters of May 27th and September 15th, transmitting applications from the Universities of Calcutta and the Panjab, respectively, I have to inform you that, by order of the General Medical Council, the degrees of (1) Licentiate in Medicine and Surgery, (2) Bachelor of Medicine, and (3) Doctor of Medicine, granted by those Universities have been recognized by the Council, and will in future be registrable in the Colonial List under section 13 of the "Medical Act (1886)."

On the 19th December, 1893, His Excellency the Governor-General in Council appointed Sir Alfred Croft, K.C.I.E., M.A., to be Vice-Chancellor of the University in succession to the Hon'ble Mr. Justice Pigot, resigned.

At their annual meeting on the 29th of April, 1893, the Senate appointed Mr. W. Griffiths, M.A., to be Registrar of the University for a period of two years from the 1st of May, 1893.

On the eve of Lord Lansdowne's retirement from the Viceroyalty the Senate unanimously voted a farewell address to His Lordship as a parting tribute of respect in grateful acknowledgment of the kind and uniform interest which he, as Chancellor of the University, had taken in its affairs, and of the many substantial advantages which the Senate and the graduates of the University had received at his hands. The address was presented to His Excellency by a deputation from the Senate, and his gracious reply, which has been incorporated in the Minutes, shows that the address was peculiarly agreeable to him.

The Syndicate for the ensuing year is constituted as follows :—

Dr. Mahendralal Sircar, C.I.E.	In Arts.
Babu Kalicharan Banerjee, M.A., B.L.	
F. J. Rowe, Esq, M.A.	
The Hon'ble Maulavi Abdul Jubbar, Khan Bahadur.	
Dr. Asutosh Mukhopadhyay, F.R.A.S., F.R.S.E.	
The Hon'ble Dr. Rashbehary Ghose.	In Law.
Maulavi Muhammad Yousuf, Khan Bahadur, B.L.	
Surgeon Lt.-Col. J. O'Brien, M.A., M.D., F.R.C.S.E.	In Medicine.
Babu Debendranath Ray, L.M.S.	
C. W. Odling, Esq., M.E., M.I.C.E.	In Engineering.

The constitution of the Faculties for 1893-94 was as follows :—

ARTS.

President.

DR. MAHENDRALAL SIRCAR, C.I.E.

Members.

His Honour the Lieutenant-Governor of Bengal.
His Honour the Lieutenant-Governor, North-Western Provinces and Oudh.
His Honour the Lieutenant-Governor of the Punjab.
The Right Rev. the Lord Bishop of Calcutta.
The Hon'ble Sir Antony Patrick MacDonnell, K.C.S.I.
The Hon'ble J. Westland, C.S.I.
Babu Bhudeb Mookerjee, C.I.E.
Rev. J. P. Ashton, M.A.
J. Sime, Esq., B.A.
R. T. H. Griffith, Esq., M.A.
Raja Sivaprasad, C.S.I.
K. Deighton, Esq., M.A.
Rai Kanailal De, Bahadur, F.C.S., C.I.E.
Sir Alfred Croft, K.C.I.E., M.A.
Col. H. S. Jarrett.
Brig. Surg. Lt.-Col. G. King, C.I.E., M.B., LL.D., F.L.S., F.R.S
Maharajah Durgacharan Law, C.I.E.
Babu Gaurdas Basak.
Babu Krishnakamal Bhattacharyya, B.L.
Babu Omeshchunder Dutt.
The Hon'ble Mr. Justice J. O'Kinealy, M.A., LL.D., C.S.
M. S. Howell, Esq, C.S., C.I.E., LL.D.
Maharajah Sir Jotindramohan Tagore, Bahadur, K.C.S.I.
Raja Jaykissen Das, Bahadur, C.S.I.
J. C. Nesfield, Esq., M.A.
Sir Syed Ahmed, K.C.S.I., LL.D.
The Hon'ble Baba Khem Singh Bedi, C.I.E.
Sir Alexander Mackenzie, K.C.S.I., B.A.
Surgeon Lt.-Col. D. D. Cunningham, M.B., F.R.S., C.I.E.
The Hon'ble Mr. Justice Ameer Ali, M.A, B.L., C.I.E.
Nawab Ashgar Ali, Khan Bahadur, Diler Jung, C.S.I.
J. Eliot, Esq., M.A
Mahamahopadhyay Mahesachandra Nyayaratna, C.I.E.
Rev. Lalbehari Dey.
The Very Rev. Father E. Lafont, S.J., C.I.E.
A. M. Bose, Esq., M.A.
Babu Kalicharan Banerjee, M.A., B.L.
C. J. Lyall, Esq., B.A., C.S., C.S.I., C.I.E.
The Hon'ble W. C. Bonnerjee.
Raja Sir Saurindramohan Tagore, Kt., Mus. Doc., C.I.E.
A. Pedler, Esq., F.R.S.
A E. Gough, Esq., M.A.
P. K. Ray, Esq., D.Sc.
A. F. Rudolf Hoernle, Esq., M.A., Ph.D.
Babu Trailokyanath Mitter, M.A., D.L.
W. Griffiths, Esq., M.A.
The Hon'ble Mr. Justice Gooroo Das Banerjee, M A., D.L
F. J. Rowe, Esq., M.A.

The Hon'ble Rashbehary Ghose, M.A., D.L.
Col. A. C. Talbot, C.I.E..
Sir Edward Buck, Kt., C.S.I.
A. M. Nash, Esq., M.A.
Babu Krishnabihari Sen, M.A.
Rev. K. S. Macdonald, M.A., D.D.
Babu Hemchandra Banerjee, B.L.
Maulavi Muhammad Yousuf, Khan Bahadur, B L.
J. Willson, Esq., M.A.
Nawab Syud Amir Hossein, Khan Bahadur, C.I.E.
G. A. Grierson, Esq., B.A., C.S.
Babu Gaurisankar De, M.A., B.L.
The Hon'ble Maulavi Serajul Islam, Khan Bahadur, B.L.
Raja Pyarimohan Mukerjee, M.A., B L., C.S.I.
W. E. Ward, Esq., M.A., C.S.I.
Babu Pramadadas Mitra.
Maulavi Muhammad Sami-ullah Khan, C.M.G.
Babu Suryyakumar Adhikari, B.A.
Prince Muhammad Furrokh Shah.
Maulavi Abul Khair Mahamed Siddiq, M.A.
Rai Rajkumar Sarbadhikari, Bahadur, B.L.
The Hon'ble Raja Uday Pratab Singh.
The Hon'ble Maulavi Abdul Jubbar, Khan Bahadur.
C. A. Martin, Esq., LL.D.
A. Ewbank, Esq., M.A.
W. Booth, Esq., M.A.
G. Thibaut, Esq., Ph.D.
H. M. Percival, Esq., M.A.
Rai Radhikaprasanna Mukerjee, Bahadur.
Rai Bankimchandra Chatterjee, Bahadur, B.L., C.I.E.
Maulavi Dilwar Hussain Ahmed, B.A.
Babu Isanchandra Bose, M.A., B.L.
Babu Pratapachandra Ghosha, B.A.
Rev. J. Hector, M.A.
Babu Bholanath Pal, M.A.
Rai Lakshmi Sankar Misra, Bahadur, M.A.
Babu Nilmani Mukerjee, M.A., B.L.
Shams-ul-Ulama Abdul Hai.
Babu Saradacharan Mitra, M.A., B.L.
The Hon'ble H. J. S. Cotton, C.S., C.S.I.
Nawab Meer Mohamed Ali.
Surgeon-Major C. J. H. Warden, M.D.
John Van Someren Pope, Esq., M.A.
J. Mann, Esq., M.A.
The Rev. A. W. Atkinson, M.A.
Babu Golapchandra Sarkar, M.A., B.L.
Babu Jogindrachandra Ghosh.
Rai Taraprasanna Ray, Bahadur, F.C.S.
The Most Rev. Paul Goethals, D.D., S.J.
The Hon'ble Raja Sir Amir Hasan, Khan Bahadur, K.C.I.E., C.S.I.
Col. C. W. I. Harrison, R.E.
Surgeon Lt.-Col. J. Scully, L.R.C.P., M.R.C.S.
T. C. Lewis, Esq., M.A.
Raja Lachhman Singh.
The Very Rev. Father A. Neut, S.J.

Ram Krishna Gopal Bhandarkar, Esq., M.A., Ph.D., C.I.E.
A. C. Edwards, Esq., M.A.
Babu Brahmamohan Mallik.
Nagendranath Ghosh, Esq.
A. F. M. Abdur Rahman, Esq.
Babu Chandranath Basu, M.A., B L.
J. H. Gilliland, Esq., M.A.
Babu Haraprasad Sastri, M.A.
Shams-ul-Ulama Ahmad.
Babu Umeshchandra Datta, B.A.
Babu Rajaninath Ray, M.A.
W. King, Esq., B A., D.Sc., F.G.S.
The Hon'ble C. E. Buckland, B A., C.S.
Shams-ul-Ulama Shaikh Mahmud Gilani.
G. W. Küchler, Esq., M.A.
Babu Pratapchandra Majumdar.
C. Little, Esq., M.A.
J. C. Bose, Esq., B.A., B.Sc.
Babu Srinath Das.
Babu Asutosh Mukhopadhyay, M.A., D.L., F.R.A.S., F.R.S.E.
The Hon'ble Mr. Justice J. F. Norris, Q.C.
Rev. H. Whitehead, M.A.
Maulavi Ashrafuddin Ahmad, Khan Bahadur.
Babu Syamacharan Ganguli, B.A.
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A. Macdonell, Esq., M.A.
F. J. Johnstone, Esq., M.I.C.E.

The undermentioned gentlemen conducted the University examinations for the years 1893-94.

Entrance Examination.

English ...	Mr. F. J. Rowe, M.A., *set the paper.* Rev. A. P. Begg, B.A., *Head Examiner.* Babu Durgadas Mukerjee, M.A. Babu Lalitkumar Banerjee, M.A. J. N. Dasgupta, Esq., B.A. Babu Lalgopal Chakrabarti, M.A. Babu Satischandra Banerjee, M.A. Babu Jnanranjan Banerje, M.A. Mr. Zahadur Rahim Zahid, M.A. Babu Dhanaballabh Set, M.A. Mr. W. Billing, M.A. Mr. R. Carter, B.A. Mr. R. E. O. Bird, M.A. Babu Debendranath Basu, M.A. Rev. G. Bruce, M.A. Babu Matilal Chatterjee, M.A. Rev. J. Lamb, M.A. Mr. J. S. Zemin.
Mathematics ...	Mr. W. Booth, M.A., *Head Examiner.* Babu Saratchandra Sinha, M.A. Babu Gobindachandra Das, M.A. Babu Mohinimohan Chaudhuri, M.A. Babu Gobindalal Set, M.A. Babu Haranchandra Banerjee, M.A. Babu Haridas Chatterjee, M.A. Rev. E. S. Summers, M.A. Babu Upendranarayan Sinha, M.A. Rev. J. Watt, M.A. Babu Baidyanath Basu, M.A. Babu Syamadas Mukerjee, M.A. Babu Kaliprasanna Chattoraj, M.A. Babu Kshetramohan Banerjee, M.A. Babu Rajmohan Sen, M.A.
Sanskrit and Bengali.	Babu Krishnakamal Bhattacharyya, B.L., *Head Examiner.* Babu Saradacharan Mitra, M.A., *set the Bengali paper.* Babu Jogindranath Basu, B.A. Babu Ramkumar Chakrabarti. Babu Bidhubhushan Goswami, M.A. Babu Asutosh Sastri, M.A. Babu Muralidhar Banerjee, M.A. Babu Nakuleswar Banerjee. Babu Kailaschandra Bhattacharyya, M.A. Babu Narayanchandra Bhattacharyya, M.A. Babu Saratchandra Dasgupta M.A. Babu Baradakanta Bidyaratna. Babu Harimohan Bidyabhushan Babu Biharilal Banerjee, M.A. Babu Ramprasanna Mukerjee.

Greek	Mr. C. R. Wilson, M.A.
Latin	Mr. C. R. Wilson, M.A., *set the papers.* Miss Florence Mary Holland, M.A.
French	Rev. Father V. Campigeulles, S.J.
German	Dr. A F. R. Hœrnle.
Arabic	Shams-ul-Ulma Maulavi Ahmad, *set the pāper* Col H. S. Jarrett.
Persian	Shams-ul-Ulama Maulavi Ahmad, *set the paper.* Shams-ul-Ulama Shaikh Mahmud Gilani
Urdu	Maulavi MuhammadYousoof Jafari, *set the paper.* Maulavi Mirza Ashraf Ali.
Hindi	Babu Kanailal Sastri.
Uriya	Babu Ramprasanna Mukerjee.
Burmese	Mr. A. W. Lansdale.
Assamese	Mr. Jagannath Barooah, B.A.
Khasia	Rev. J. Roberts.
Parbatia	Babu Kedarnath Chatterjee.
Mahrathi	Mr. Mahadeo Yeshwant Dole.
Gujrathi	Mr. D. D. Mehta.
Tamil	Mr. R. Dhanasukati.
Telugu	Mr. C. Narayan Swamy.
History	Babu Krishnabihari Sen, M.A., *Head Examiner.* Babu Adharchandra Mukerjee, M A. Babu Sibendranath Gupta, M.A. Babu Mohitchandra Sen, M.A. Mr. Abdul Haq Abid, B.A. Babu Sibchandra Gui, M.A. Babu Ramananda Chatterjee, M.A. Babu Isanchandra Ghosh, M.A. Babu Kunjabihari Basu, M.A.
Geography	Babu Brajendranath Chatterjee, M.A. Babu Kumudinikanta Banerjee, M.A. Babu Jnanchandra Ghosh, M.A. Babu Brajaballabh Datta, M.A. Maulavi Muhammad Azizul Huq, M A Babu Kalidas Mallik, M.A. Babu Rajendranath Chatterjee, M.A. Babu Umeschandra Ghosh, M.A.
Drawing	Mr. W. H. Jobbins.

F. A. Examination.

English	Mr. J. Mann, M.A. Rev. J. Hector, M.A. } *set the papers.* Rev. J. Morrison, M.A. Mr. J. N. Farquhar, M.A. Babu Herambachandra Maitra, M.A Mr. W. B. Livingstone. Mr. E. M. Wheeler, M.A. Rev. A. Tomory, M.A. Rev. C. Jordan, M.A. Mr. Abdur Rahim, M.A.
Mathematics	Mr. J. H. Gilliland, M.A. Mr. W. Booth, M.A. } *set the papers.* Babu Gaurisankar De, M A.

Mathematics	...	Babu Suryyakumar Karfarma, M.A. Babu Mahendranath Ray, M.A Babu Kalipada Basu, M.A. Babu Mohinikanta Ghatak, M.A. Mr. C. Little, M.A. Babu Bipin Behari Gupta, M A. Mr. D. N. Mullick, B.A.
Sanskrit	...	Babu Haraprasad Sastri, M.A. } *set the papers.* Babu Nrisinhachandra Mukerjee, M.A. } *set the papers.* Babu Bireswar Chatterjee, M.A. Babu Sibnath Sastri, M.A. Babu Janakinath Bhattacharyya, M.A. Babu Nilmani Mukerjee, M.A. Babu Umacharan Banerjee, M.A. Babu Kaliprasanna Bhattacharyya, M.A. Babu Kunjalal Nag, M.A. Babu Kailaschandra Datta, M.A. Babu Ramprasanna Mukerjee.
Bengali		Babu Saradacharan Mitra, M.A.
Greek		Mr. C. R. Wilson, M.A.
Latin		Mr. C. R. Wilson, *set the papers.* Miss Florence Mary Holland, M.A.
French		Rev. V. de Campigneulles, S.J.
Hebrew		Rev. G. H. Rouse, M.A., B.D.
Pali		Mr. J. Gray.
Arabic and Persian ...		Shams-ul-Ulama Shaikh Mahmud Gilani. } *set the papers.* Shams-ul-Ulama Maulavi Ahmad } *set the papers.* Col. H. S. Jarrett.
Physics		Mr. W. Booth, M.A., *set the paper.* Rev. Father E. Lafont, S.J. Mr. P. Bruhl. Mr. J. C. Bose, B.Sc. Mr. A. Ewbank, M.A.
Chemistry		Surgeon-Major C. J. H. Warden, M.D. } *set the paper.* Mr. P. Mukerjee, B.Sc. Dr. P C. Ray. Babu Ramendrasundar Trivedi, M.A. Mr. W. H. Wood F.C.S.
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Histroy		Rev. J. Morrison, M.A, *set the paper.* Mr. N. N. Ghose. Dr. A. F. R. Hoernle. Babu Binayendranath Sen, M.A. Babu Kalisankar Sukul, M.A.
Logic		Rev. A. P. Begg, B.A., *set the papers.* Rev. A. B. Wann, M.A. Babu Syamacharan Ganguli, B.A. Babu Ambikacharan Mitra, M.A. Babu Nilkantha Majumdar, M.A.

B. A. Examination.

English.	...	Mr. A. E. Gough, M.A. } *set the papers.* Mr. M. J. White, M.A. } Mr. K. Deighton, M.A. Mr. F. J. Rowe, M.A. Mr. S. Robson, M.A. Mr. C. R. Wilson, M.A. Mr. J. Mann, M.A. Mr. H. M. Percival, M.A.
Philosophy	...	Dr. G. Thibaut. } *set the papers.* Dr. D. Mackichan. } Mr. H. R. James, M.A. Mr. H. Stephen, M.A. Babu Brajendranath Sil, M.A. Dr. P. K. Ray.
Mathematics	...	Babu Bipinbihari Gupta, M.A., *set the papers.* Mr. J. H. Gilliland, M.A., *set and examined the papers.* Mr. G. W. Küchler, M.A.
Physics	...	Mr. A. Macdonell, M.A.
Chemistry	...	Surgeon-Major C. J. H. Warden, M. D., *set the papers.* Mr. Alex. Pedler, F.R.S.
Physiology	...	Dr. A. W. Alcock.
Botany	...	Dr. D. Prain.
Geology	...	Dr. W. King.
History	...	Mr. H. M. Percival, M.A. } *set the papers.* Babu Asutosh Mukerjee, M.A } Rev. J. P. Ashton, M.A. Mr. M. Prothero.
Latin	...	Mr. J. Mann, M.A.
Greek	...	Mr. C H. Tawney, M.A., C. I. E. *set the papers.* Mr. C. R. Wilson, M.A.
Sanskrit	...	Babu Haraprasad Sastri, M.A. Babu Nrisinhachandra Mukerjee, M.A. Babu Nilmani Mukerjee, M.A. Babu Ramprasanna Mukerjee.
Arabic & Persian	...	Col. H. S. Jarrett. Shams-ul-Ulama Maulavi Ahmad. Shams-ul-Ulama Shaikh Mahmud Gilani.

M. A. Examination.

English	...	Mr. A. E. Gough, M.A. } *set the papers.* Mr. M. J. White, M.A. } Mr. F. J. Rowe, M.A. Mr. H. M. Percival, M.A. Mr. J. Mann, M.A.
Sanskrit	...	Mahamahopadhyay Chandrakanta Tarkalankra. Babu Krishnakamal Bhattacharyya, B.A.
Persian	...	Col. H. S. Jarrett. Shams-ul-Ulma Shaikh Mahmud Gilani.

Mathematics	Mr. G. W. Küchler, M.A. Mr. W. Booth, M.A.	
History ...	Mr. H. M. Percival, M.A. Babu Asutosh Mukerjee, M.A.	*set the papers.*
Philosophy	Dr. G. Thibaut. Dr. D. Mackichan.	
Chemistry	Dr. C. J. H. Warden. Mr. W. G. McMillan, F.C.S.	
Physics ...	Mr. W. Booth, M.A. Mr. A. Macdonell, M.A.	
Physiology & Zoology	Dr. D. D. Cunningham.	

Premchand Roychand Studentship Examination.

English ...	Mr. J. Mann, M.A.
Latin ..	Mr. H. M. Percival.
Philosophy	Dr. P. K. Ray.
Philology	Dr. A. F. R. Hœrnle.

B. L. Examination.

Mr. G. S. Henderson, M A.
Mr. B. Chakrabarti, M.A.
Dr. Jogendranath Bhattacharyya, M.A.
Babu Upendranath Mitra, M.A., B.L.

Honours in Law Examination.

Mr. C. P. Hill, B.A.
Mr. P. O'Kinealy, M.A., LL.D.

M. B. Examinations.

Chemistry	Surgeon-Major C. J. H. Warden, M.D.
Botany ...	Surgeon-Capt. David Prain.
Comparative Anatomy	Surgeon-Capt. D. M. Moir.
Anatomy	Surgeon-Major J. B. Gibbons.
Physiology	Surgeon-Capt. D. M. Moir.
Materia Medica	Babu Mahendranath Gupta, L.M.S.
Midwifery	Babu Dayalchandra Som, L.M S.
Surgery	Surgeon Lt.-Col. J. O'Brien M.D.
Medicine	Surgeon Lt.-Col. A. Crombie, M.D. Dr. G. H. Brown.
Pathology	Brig.-Surgeon Lt.-Col. D. D. Cunningham, M.B.
Hygiene	Surgeon-Capt. C. R. M. Green.
Medical Jurisprudence	Rai Taraprasanna Ray, Bahadur, F.C.S.

Honours in Medicine.

Midwifery	Surgeon-Capt. C. R. M. Green.
Medical Jurisprudence	Surgeon-Major J. B. Gibbons.

L. M. S. Examinations.

Chemistry	...	Mr. A. Pedler, F.R.S.
Botany	...	Surgeon-Capt. David Prain.
Physiology	...	Surgeon-Major G. Bomford, M.D.
Anatomy	...	Surgeon-Capt J B. Gibbons.
Materia Medica	...	Maulavi Zahiruddin Ahmad, L.M S.
Medicine	...	Surgeon Lt.-Col. A. Crombie, M.D.
Surgery	...	Surgeon Lt.-Col. J. O'Brien, M D.
Midwifery	...	Surgeon-Capt. C. R. M. Green.
Pathology	...	Brig.-Surgeon Lt.-Col. D. D. Cunningham, M.B., F.R.S, *set the papers.* Surgeon-Capt J F. Evans.
Hygiene	...	Mr. W. J. Simpson.
Medical Jurisprudence		Babu Chunilal Basu.

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Natural Science	...	Mr. A. Pedler, F.R.S.
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Drawing	...	Mr. W. B Gwyther.
Practical Drawing	...	Mr. J. S. Slater. Mr. B. Heaton.

W. GRIFFITHS,
Registrar.

SENATE HOUSE;
The 14th April, 1894.

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